SEQUENCE LISTING

<110> FOG PHARMACEUTICALS, INC.

<120> STAPLED PEPTIDES AND METHODS THEREOF

<130> 2012675-0294

<140> PCT/US2022/032738
<141> 2022-06-08

<150> 63/303,952
<151> 2022-01-27

<150> 63/224,834
<151> 2021-07-22

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<170> PatentIn version 3.5

<210> 1
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Ser Gly Ile His Ser Gly Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly
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Lys Gly Asn Pro Glu Glu Glu Asp Val Asp Thr Ser Gln Val Leu Tyr
    50                  55                  60


Glu Trp Glu Gln Gly Phe Ser Gln Ser Phe Thr Gln Glu Gln Val Ala
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Asp Ile Asp Gly Gln Tyr Ala Met Thr Arg Ala Gln Arg Val Arg Ala
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Gln Phe Asp Ala Ala His Pro Thr Asn Val Gln Arg Leu Ala Glu Pro
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Ser Gln Met Leu Lys His Ala Val Val Asn Leu Ile Asn Tyr Gln Asp
    130                 135                 140

Asp Ala Glu Leu Ala Thr Arg Ala Ile Pro Glu Leu Thr Lys Leu Leu
145                 150                 155                 160

Asn Asp Glu Asp Gln Val Val Val Asn Lys Ala Ala Val Met Val His
                165                 170                 175

Gln Leu Ser Lys Lys Glu Ala Ser Arg His Ala Ile Met Arg Ser Pro
            180                 185                 190

Gln Met Val Ser Ala Ile Val Arg Thr Met Gln Asn Thr Asn Asp Val
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Glu Thr Ala Arg Cys Thr Ala Gly Thr Leu His Asn Leu Ser His His
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Arg Glu Gly Leu Leu Ala Ile Phe Lys Ser Gly Gly Ile Pro Ala Leu
225                 230                 235                 240

Val Lys Met Leu Gly Ser Pro Val Asp Ser Val Leu Phe Tyr Ala Ile
                245                 250                 255

Thr Thr Leu His Asn Leu Leu Leu His Gln Glu Gly Ala Lys Met Ala
            260                 265                 270

Val Arg Leu Ala Gly Gly Leu Gln Lys Met Val Ala Leu Leu Asn Lys
        275                 280                 285

Thr Asn Val Lys Phe Leu Ala Ile Thr Thr Asp Cys Leu Gln Ile Leu
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Pro Gln Ala Leu Val Asn Ile Met Arg Thr Tyr Thr Tyr Glu Lys Leu
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Leu Trp Thr Thr Ser Arg Val Leu Lys Val Leu Ser Val Cys Ser Ser
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Asn Lys Pro Ala Ile Val Glu Ala Gly Gly Met Gln Ala Leu Gly Leu
        355                 360                 365

His Leu Thr Asp Pro Ser Gln Arg Leu Val Gln Asn Cys Leu Trp Thr
    370                 375                 380

Leu Arg Asn Leu Ser Asp Ala Ala Thr Lys Gln Glu Gly Met Glu Gly
385                 390                 395                 400

Leu Leu Gly Thr Leu Val Gln Leu Leu Gly Ser Asp Asp Ile Asn Val
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Val Thr Cys Ala Ala Gly Ile Leu Ser Asn Leu Thr Cys Asn Asn Tyr
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Lys Asn Lys Met Met Val Cys Gln Val Gly Gly Ile Glu Ala Leu Val
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Arg Thr Val Leu Arg Ala Gly Asp Arg Glu Asp Ile Thr Glu Pro Ala
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Ile Cys Ala Leu Arg His Leu Thr Ser Arg His Gln Glu Ala Glu Met
465                 470                 475                 480

Ala Gln Asn Ala Val Arg Leu His Tyr Gly Leu Pro Val Val Val Lys
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Leu Leu His Pro Pro Ser His Trp Pro Leu Ile Lys Ala Thr Val Gly
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Leu Ile Arg Asn Leu Ala Leu Cys Pro Ala Asn His Ala Pro Leu Arg
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Glu Gln Gly Ala Ile Pro Arg Leu Val Gln Leu Leu Val Arg Ala His
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Gln Asp Thr Gln Arg Arg Thr Ser Met Gly Gly Thr Gln Gln Gln Phe
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Val Glu Gly Val Arg Met Glu Glu Ile Val Glu Gly Cys Thr Gly Ala
                565                 570                 575

Leu His Ile Leu Ala Arg Asp Val His Asn Arg Ile Val Ile Arg Gly
            580                 585                 590

Leu Asn Thr Ile Pro Leu Phe Val Gln Leu Leu Tyr Ser Pro Ile Glu
        595                 600                 605

Asn Ile Gln Arg Val Ala Ala Gly Val Leu Cys Glu Leu Ala Gln Asp
    610                 615                 620

Lys Glu Ala Ala Glu Ala Ile Glu Ala Glu Gly Ala Thr Ala Pro Leu
625                 630                 635                 640

Thr Glu Leu Leu His Ser Arg Asn Glu Gly Val Ala Thr Tyr Ala Ala
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Ala Val Leu Phe Arg Met Ser Glu Asp Lys Pro Gln Asp Tyr Lys Lys
            660                 665                 670

Arg Leu Ser Val Glu Leu Thr Ser Ser Leu Phe Arg Thr Glu Pro Met
        675                 680                 685

Ala Trp Asn Glu Thr Ala Asp Leu Gly Leu Asp Ile Gly Ala Gln Gly
    690                 695                 700

Glu Pro Leu Gly Tyr Arg Gln Asp Asp Pro Ser Tyr Arg Ser Phe His
705                 710                 715                 720

Ser Gly Gly Tyr Gly Gln Asp Ala Leu Gly Met Asp Pro Met Met Glu
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His Glu Met Gly Gly His His Pro Gly Ala Asp Tyr Pro Val Asp Gly
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<213> Homo sapiens

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35 40 45

Thr Asp Cys Leu Gln Ile Leu Ala Tyr Gly Asn Gln Glu Ser Lys Leu
50 55 60

Ile Ile Leu Ala Ser Gly Gly Pro Gln Ala Leu Val Asn Ile Met Arg
65 70 75 80

Thr Tyr Thr Tyr Glu Lys Leu Leu Trp Thr Thr Ser Arg Val Leu Lys
85 90 95

Val Leu Ser Val Cys Ser Ser Asn Lys Pro Ala Ile Val Glu Ala Gly
100 105 110

Gly Met Gln Ala Leu Gly Leu His Leu Thr Asp Pro Ser Gln Arg Leu
115 120 125

Val Gln Asn Cys Leu Trp Thr Leu Arg Asn Leu Ser Asp Ala Ala Thr
130 135 140

Lys Gln Glu Gly Met Glu Gly Leu Leu Gly Thr Leu Val Gln Leu Leu
145 150 155 160

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Gly Ser Asp Asp Ile Asn Val Val Thr Cys Ala Ala Gly Ile Leu Ser
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Gly Gly Ile Glu Ala Leu Val Arg Thr
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<210> 4
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<213> Homo sapiens

<400> 4

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<213> Homo sapiens

<400> 5

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1               5                   10                  15
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<210> 6
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<400> 6

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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-aminopent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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1 5 10

<210> 8
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<223> N-term pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

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<210> 9
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (14)..(14)
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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

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<220>
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<223> N-term Acetic Acid

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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

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<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<220>
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<220>
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<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
<223> C-term amino

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<210> 14
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<212> PRT
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peptide

<220>
<223> N-term Acetic Acid

<220>
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olefin group to form a staple through the olefin group

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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acid residue comprising a side chain amino group to form a
staple through the 4-carboxyl group

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acid residue comprising an olefin group to form a staple through
the olefin group

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<220>
<223> C-term amino

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1 5 10

<210> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<220>
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<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 15
Xaa Asp Leu Xaa Asp Asp Lys Ala Phe Glu Xaa Xaa Xaa Gln
1 5 10

<210> 16
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 16

Xaa Asp Leu Xaa Asp Asp Glu Ala Phe Lys Xaa Xaa Xaa Gln
1 5 10

<210> 17
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 17
Xaa Asp Leu Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 18
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 18
Xaa Asp Leu Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 19
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 19
Xaa Asp Leu Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Lys
1 5 10

<210> 20
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 20
Xaa Asp Leu Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Lys
1 5 10

<210> 21
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 21
Xaa Asp Xaa Xaa Asp Asp Ala Ala Phe Xaa Xaa Xaa Xaa Ala
1 5 10

<210> 22
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 22
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Ala
1 5 10

<210> 23
<211> 14
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for
stapling/stapled with another amino acid residue to form a
staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 23
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Ala
1 5 10

<210> 24
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 24
Xaa Asp Xaa Xaa Asp Asp Ala Ala Phe Ala Xaa Xaa Xaa Xaa
1 5 10

<210> 25
<211> 14

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 25
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Ala Xaa Xaa Xaa Xaa
1 5 10

<210> 26
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 26

Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Ala Xaa Xaa Xaa Xaa
1 5 10

<210> 27
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for

stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 27
Xaa Asp Xaa Xaa Asp Asp Ala Ala Phe Xaa Xaa Xaa Xaa Gln
1 5 10

<210> 28
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 28
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Gln
1 5 10

<210> 29
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through

the terminal methyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 29
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Gln
1 5 10

<210> 30
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 30
Xaa Asp Xaa Xaa Asp Asp Xaa Ala Phe Ala Xaa Xaa Xaa Gln
1 5 10

<210> 31
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for

stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 31
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Ala Xaa Xaa Xaa Gln
1 5 10

<210> 32
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>

<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 32
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Ala Xaa Xaa Xaa Gln
1 5 10

<210> 33
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 33
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 34
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 34
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Lys
1 5 10

<210> 35
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 35
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Asp
1 5 10

<210> 36
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 36
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Asp Xaa Xaa Xaa Lys
1 5 10

<210> 37
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 37
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Glu
1   5   10

<210> 38
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<223> C-term amino

<400> 38
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Xaa
1 5 10

<210> 39
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 39
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Asp
1 5 10

<210> 40
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-aspartic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<223> C-term amino

<400> 40
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Asp Xaa Xaa Xaa Xaa
1 5 10

<210> 41
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 41
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 42
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 42
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Lys Ala
1 5 10 15

<210> 43
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 43
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Asp Xaa Xaa Xaa Lys Ala
1 5 10 15

<210> 44
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-((5-amino-5-carboxypentyl)carbamoyl)benzoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 44
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 45
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N6-(3-carboxypropanoyl)-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 45
Xaa Asp Xaa Xaa Asp Xaa Lys Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 46
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N6-(2-carboxy-2-methylpropanoyl)-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 46
Xaa Asp Xaa Xaa Asp Xaa Lys Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 47
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2'-((5-amino-5-carboxypentyl)carbamoyl)-[1,1'-biphenyl]-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 47
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 48
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3'-((5-amino-5-carboxypentyl)carbamoyl)-[1,1'-biphenyl]-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 48
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 49
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-((5-amino-5-carboxypentyl)carbamoyl)benzoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 49
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 50

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N6-(3-carboxypropanoyl)-L-lysine, useful for stapling/stapled
with another amino acid residue comprising a side chain amino
group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 50
Xaa Asp Xaa Xaa Asp Xaa Lys Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 51
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N6-(2-carboxy-2-methylpropanoyl)-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Lys Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 52
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2'-((5-amino-5-carboxypentyl)carbamoyl)-[1,1'-biphenyl]-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 52
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 53
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3'-((5-amino-5-carboxypentyl)carbamoyl)-[1,1'-biphenyl]-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 53
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Lys
1 5 10

<210> 54
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 54
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 55
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 55
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Asp
1   5   10

<210> 56
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 56
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 57
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 57
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Asp Ala
1 5 10 15

<210> 58
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 58
Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 59
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>

<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 59

Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Lys Xaa Xaa Xaa Asp Ala
1 5 10 15

<210> 60
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
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<222> (10)..(10)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

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groups and/or with another amino acid residue comprising an

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residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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peptide

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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

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groups and/or with another amino acid residue comprising an

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other of the two olefin groups

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<223> C-term amino

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form another staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 70
Xaa Asp Glu Xaa Asp Xaa Lys Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 71
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 71
Xaa Asn Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 72
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 72
Xaa Ser Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 73
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 73
Xaa Asp Xaa Xaa Asn Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 74
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 74
Xaa Asp Xaa Xaa Ser Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 75
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 75
Xaa Asn Xaa Xaa Asp Xaa Ser Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 76
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 76
Xaa Ser Xaa Xaa Asp Xaa Ser Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 77
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 77
Xaa Asp Xaa Xaa Asn Xaa Ser Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 78
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 78
Xaa Asp Xaa Xaa Ser Xaa Ser Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 79

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 79
Xaa Asn Xaa Xaa Asp Xaa Gln Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 80
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 80
Xaa Ser Xaa Xaa Asp Xaa Gln Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 81
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 81
Xaa Asp Xaa Xaa Asn Xaa Gln Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 82
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (5)..(5)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 82
Xaa Asp Xaa Xaa Ser Xaa Gln Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 83
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(4-aminobutyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 83
Xaa Asp Xaa Xaa Asp Xaa Glu Ala Phe Leu Xaa Xaa Xaa Gln Ala
1 5 10 15

<210> 84
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(4-aminopiperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 84
Xaa Asp Xaa Xaa Asp Xaa Glu Ala Phe Leu Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 85
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-(4-aminopiperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 85
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 86
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-methyl-N5-(piperidin-4-ylmethyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 86
Xaa Asp Xaa Xaa Asp Xaa Glu Ala Phe Leu Xaa Xaa Xaa Gln Ala
1 5 10 15

<210> 87
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 87
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 88
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 88
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 89
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 89
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 90
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 90
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 91
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

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<220>
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<220>
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residue comprising a side chain acid group to form a staple
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acid residue comprising an olefin group to form a staple through
the olefin group

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<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 103
<211> 15
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 103
Xaa Asp Xaa Xaa Asp Xaa Val Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 104
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino)
propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<222> (15)..(15)
<223> 2-amino-2-methylpropanoic acid

<220>
<223> C-term amino

<400> 104
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 105
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 105
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Leu
1 5 10 15

<210> 106
<211> 15
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 106
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1 5 10 15

<210> 107
<211> 15
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<220>
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<220>
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<220>
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-oxo-5-(3,9-diazaspiro[5.5]undecan-3-yl) pentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 107
Xaa Asp Xaa Xaa Asp Xaa Glu Ala Phe Leu Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 108
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
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<220>
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<223> (S)-2-amino-5-oxo-5-(2,9-diazaspiro[5.5]undecan-2-yl)pentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 108
Xaa Asp Xaa Xaa Asp Xaa Glu Ala Phe Leu Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 109

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<220>
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peptide

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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

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<220>
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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acid, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the amino group in the side chain

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 109
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1 5 10 15

<210> 110
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 110
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 111
<211> 16
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 111
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

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<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 112
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 113
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<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<222> (7)..(7)
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 113
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser

1 5 10 15

<210> 114
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 114
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

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<211> 16
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<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

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<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>

<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

<210> 116
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<220>
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<222> (4)..(4)
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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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Xaa Asn Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 117
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1 5 10 15

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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 118
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 119
<211> 16
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 119
Xaa Ser Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

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<211> 16
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<220>
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<220>
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<220>
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<220>
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<222> (2)..(2)
<223> L-homoserine

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>

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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 120
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 121
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<220>
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<222> (2)..(2)
<223> L-homoserine

<220>
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<222> (3)..(3)
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
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<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
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<222> (13)..(13)
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 121
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 122
<211> 14
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

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1 5 10

<210> 123
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N6-isopropyl-L-lysine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 123
Xaa Asn Xaa Xaa Asp Gln Lys Ala Phe Glu Xaa Phe Xaa Lys
1 5 10

<210> 124
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (7)..(7)
<223> N6-isopropyl-L-lysine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 124
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1 5 10

<210> 125
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 125
Xaa Asn Xaa Xaa Asp Gln Ser Ala Phe Glu Xaa Xaa Xaa Lys
1 5 10

<210> 126
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N6-isopropyl-L-lysine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 126
Xaa Asn Xaa Xaa Asp Gln Lys Ala Phe Glu Xaa Xaa Xaa Lys
1 5 10

<210> 127
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
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<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 127
Xaa Asn Xaa Xaa Asp Thr Ser Ala Phe Glu Xaa Phe Xaa Lys
1 5 10

<210> 128
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 128
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 129
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
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residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>

<221> MOD_RES
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<220>
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<220>
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<220>
<221> MOD_RES
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 129
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 130
<211> 15
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<220>
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<220>
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
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<220>
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<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 130
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 131
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> L-homoserine

<220>
<221> MOD_RES
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

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<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 131
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 132

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 132
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 133
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
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<220>
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<223> N4-methyl-L-asparagine

<220>
<221> MOD_RES
<222> (3)..(3)
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 133
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

<210> 136
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<220>
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<220>
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 136
Xaa Asp Xaa Xaa Thr Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<220>
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<223> L-homoserine

<220>
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<220>
<223> C-term amino

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<220>
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<223> L-allothreonine

<220>
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<220>
<223> C-term amino

<400> 138
Xaa Asp Xaa Xaa Thr Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asn Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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to form a staple through the 5-carboxyl group

<220>
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<210> 141
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-isopropyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 144
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 145
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-isopropyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 145
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 146
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with
another amino acid residue comprising a side chain amino group
to form a staple through the 5-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N6-isopropyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 146
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Lys Ala
1 5 10 15

<210> 147
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-isopropyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 147

Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 148
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-isopropyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 148
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 149
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N6-isopropyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a

staple through the 6-amino group

<220>
<223> C-term amino

<400> 149
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Lys Ala
1 5 10 15

<210> 150
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)-2-hydroxybenzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 150
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 151
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-5-(2-amino-2-carboxyethyl)-2-hydroxybenzoic acid

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 151
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 152
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 152
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 153
<211> 15
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<213> Artificial Sequence

<220>
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peptide

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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 153
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 154
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<223> N-term Acetic Acid

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<220>
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<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-2-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 154
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 155
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 155
Xaa Asp Xaa Xaa Asp Glu Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 156
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 156
Xaa Asp Xaa Xaa Asp Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 157
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 157
Xaa Asp Xaa Xaa Asp Thr Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 158
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 158
Xaa Asp Xaa Xaa Asp Gln Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 159
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 159
Xaa Asp Xaa Xaa Asp His Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 160
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 160
Xaa Asp Xaa Xaa Asp Tyr Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 161
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-(2-amino-2-carboxyethyl)-4-(trifluoromethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 161
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 162
<211> 15
<212> PRT
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<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-(2-amino-2-carboxyethyl)-5-(trifluoromethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 162

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 163
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 163
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 164
<211> 15
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-5-(2-amino-2-carboxyethyl)-2-(trifluoromethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 164
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 165
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-(2-amino-2-carboxyethyl)-6-fluorobenzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 165
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 166
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 166
Xaa Asp Xaa Xaa Asp Val Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 167
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 167
Xaa Asp Xaa Xaa Asp Ser Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 168
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 168
Xaa Asp Xaa Xaa Asp Trp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 169
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 169
Xaa Asp Xaa Xaa Asp Asn Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 170
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 170
Xaa Asp Xaa Xaa Asp Ala Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 171
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 171
Xaa Asp Xaa Xaa Asp Arg Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 172
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-glutamic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 172
Xaa Asp Xaa Xaa Asp Glu Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 173
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 173
Xaa Asp Xaa Xaa Asp Thr Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 174
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4-(4-hydroxyphenyl)butanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 174
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 175
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-(3-carbamoylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 175
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 176
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 176
Xaa Asp Xaa Xaa Asp Leu Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 177
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 177
Xaa Asp Xaa Xaa Asp Phe Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala

1 5 10 15

<210> 178
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 178
Xaa Asp Xaa Xaa Asp Lys Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 179
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
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<220>

<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 179
Xaa Asp Xaa Xaa Asp Ile Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 180
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (16)..(16)
<223> 2-aminopropane-1,3-diol

<220>
<223> C-term 2-aminopropane-1,3-diol

<400> 180
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Xaa
1 5 10 15

<210> 181
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-5-morpholinopentanoic acid

<220>
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<222> (16)..(16)
<223> 2-aminopropane-1,3-diol

<220>
<223> C-term 2-aminopropane-1,3-diol

<400> 181
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa Xaa
1 5 10 15

<210> 182
<211> 16
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-5-morpholinopentanoic acid

<220>
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<222> (16)..(16)
<223> (R)-2-aminopropan-1-ol

<220>
<223> C-term (R)-2-aminopropan-1-ol

<400> 182
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa Xaa
1 5 10 15

<210> 183
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term ethanamine

<400> 183
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 184
<211> 16
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term ethanamine

<400> 184
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ser
1 5 10 15

<210> 185
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-5-morpholinopentanoic acid

<220>
<223> C-term ethanamine

<400> 185
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 186
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-5-morpholinopentanoic acid

<220>
<223> C-term ethanamine

<400> 186
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1 5 10 15

<210> 187
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 187
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ser
1 5 10 15

<210> 188
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-5-morpholinopentanoic acid

<220>
<223> C-term amino

<400> 188
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 189
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-5-morpholinopentanoic acid

<220>
<223> C-term amino

<400> 189
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa Ser
1 5 10 15

<210> 190
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 190
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 191
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 191
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 192
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 192
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 193
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 193
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 194
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 194
Xaa Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 195
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 195
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 196
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 196
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 197
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 197
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 198
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 198
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 199
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 199
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 200
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 200
Xaa Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 201
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 201
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 202
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 202
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 203
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 203
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 204
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 204
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 205
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 205
Xaa Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 206
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 206
Xaa Asp Phe Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 207
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 207
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 208
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclopentylpropanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 208
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 209
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 209
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 210
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 210
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 211
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 211
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 212
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-ethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 212
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<210> 213
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<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-3-(piperidin-4-yl)propanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the piperidinyl group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 213
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 214
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<220>
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<220>
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<220>
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-3-(piperidin-4-yl)propanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the piperidinyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 214
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 215
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(piperidin-4-yl)propanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the piperidinyl group

<220>
<223> C-term amino

<400> 215
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 216
<211> 15
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<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<220>
<223> C-term amino

<400> 216
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Glu Xaa Xaa Xaa Xaa Ala

1 5 10 15

<210> 217
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<220>
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<220>
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<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(piperidin-4-yl)propanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the piperidinyl group

<220>
<223> C-term amino

<400> 217
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 218
<211> 15
<212> PRT
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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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side chain acid group to form a staple through the piperidinyl group

<220>
<223> C-term amino

<400> 218
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 219
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 220
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1 5 10 15

<210> 221
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<220>
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<220>
<223> N-term Acetic Acid

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

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<211> 15
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

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1 5 10 15

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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 223
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<220>
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peptide

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<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

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<220>
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 224
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<220>
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<220>
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<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<220>
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<220>
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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 226
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1 5 10 15

<210> 227
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<220>
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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
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<220>
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<220>
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<220>
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olefin group to form a staple through the olefin group

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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 228
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 229
<211> 15
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 229
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 230
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 230
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 231
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-cyclopropylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 231
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 232
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<222> (12)..(12)
<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 232
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 233
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-cyclopentylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 233
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 234
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 234
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 235
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (5)..(5)
<223> (2S,3S)-2-amino-3-methylsuccinic acid

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 235
Xaa Asp Xaa Xaa Xaa Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 236
<211> 15
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 236
Xaa Asp Xaa Xaa Xaa Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 237
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 237
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 238
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 238

Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 239
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<223> (R)-2-amino-2-methylsuccinic acid

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 239
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 240
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 240
Xaa Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 241
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(furan-2-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 241
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 242
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-methoxyphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 242
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 243
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)

<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 243
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 244
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 244
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala

1 5 10 15

<210> 245
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 245
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 246
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-cyanophenyl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 246
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 247
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 247
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 248
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(pyridin-2-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 248
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 249
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(pyridin-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 249
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 250
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(pyridin-4-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 250
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 251
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 251
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa His Xaa Glu Ala
1 5 10 15

<210> 252
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-39-amino-5,33-dioxo-1-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno
[3,4-d]imidazol-4-yl)-9,12,15,18,21,24,27,30-octaoxa-6,34-
diazatetracontan-40-oic acid

<220>
<223> C-term amino

<400> 252
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 253
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 253
Xaa Asp Ala Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 254
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 254
Xaa Asp Tyr Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 255
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 255
Xaa Asp Trp Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 256
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 256
Xaa Asp Ser Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 257
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 257
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 258
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-phenylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 258
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 259
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 259
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 260
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-aminodecanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 260
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 261
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 261
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 262
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-5-morpholinopentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 262
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 263
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-5-(4,4-difluoropiperidin-1-yl)pentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 263
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 264
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(1-(2-amino-2-carboxyethyl)-1H-1,2,3-triazol-4-yl)-2,2-dimethylpropanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 264
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 265
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(1-(2-amino-2-carboxyethyl)-1H-1,2,3-triazol-4-yl)-2,2-dimethylpropanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 265
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 266
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 266
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 267
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(1-(2-amino-2-carboxyethyl)-1H-1,2,3-triazol-4-yl)-2,2-dimethylpropanoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 267
Xaa Asp Xaa Xaa Asn Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 268
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(1-(2-amino-2-carboxyethyl)-1H-1,2,3-triazol-4-yl)-2,2-dimethylpropanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-morpholino-5-oxopentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 268
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 269
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(1-(2-amino-2-carboxyethyl)-1H-1,2,3-triazol-4-yl)-2,2-dimethylpropanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-morpholino-5-oxopentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 269
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 270
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(1-(2-amino-2-carboxyethyl)-1H-1,2,3-triazol-4-yl)-2,2-dimethylpropanoic acid

<220>
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<223> (S)-2-amino-5-morpholino-5-oxopentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 270
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 271
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(1-(2-amino-2-carboxyethyl)-1H-1,2,3-triazol-4-yl)-2,2-dimethylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
<221> MOD_RES
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<223> (S)-2-amino-5-morpholino-5-oxopentanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 272
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 273
<211> 15
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> (S)-2-amino-5-morpholino-5-oxopentanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 273
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 274
<211> 15
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> L-allothreonine

<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-2-amino-5-morpholino-5-oxopentanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 274
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1 5 10 15

<210> 275
<211> 15
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<220>
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<220>
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 275
Xaa Asp Xaa Xaa Asn Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 276
<211> 15
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 276
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 277
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peptide

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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

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<220>
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<220>
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residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
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carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<220>
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<220>
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<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 278
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 279
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

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<220>
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<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 279
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 280
<211> 15
<212> PRT
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<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 280
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 281
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 281
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 282
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 282
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 283
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(naphthalen-1-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 283
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 284
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 284
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 285
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 285
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Ala Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 286
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 286
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 287
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through

the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 287
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Ala Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 288
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of 2,3,5,6-tetrafluorobenzene, useful for stapling/stapled with another thiol through position 4 of 2,3,5,6-tetrafluorobenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 288
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 289
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 4 of
2,2',3,3',5,5',6,6'-octafluoro-1,1'-biphenyl, useful for
stapling/stapled with another thiol through position 4' of
2,2',3,3',5,5',6,6'-octafluoro-1,1'-biphenyl

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 289
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 290
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 290
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Glu Ala
1 5 10 15

<210> 291
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 291
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Glu
1 5 10 15

Ala

<210> 292
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

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<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 292
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 293
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 293
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 294
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-(2-amino-2-carboxyethyl)benzoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 294
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
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<210> 295
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
<221> MOD_RES
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<220>
<223> C-term amino

<400> 295
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala Glu
1 5 10 15

Ala

<210> 296
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term OH

<400> 296
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Glu Ala
1 5 10 15

<210> 297
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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olefin group to form a staple through the olefin group

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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

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<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term OH

<400> 297
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 298
<211> 15
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<220>
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<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term OH

<400> 298
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala

1 5 10 15

<210> 299
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term OH

<400> 299
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1 5 10 15

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<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<223> N-term Acetic Acid

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<220>
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<221> MOD_RES
<222> (11)..(11)
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carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-(2-amino-2-carboxyethyl)benzoic acid

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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term OH

<400> 300
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala Glu
1 5 10 15

Ala

<210> 301
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 301
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 302
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

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<222> (9)..(9)
<223> (S)-2-amino-3-cyclopentylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 302
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 303
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 303
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 304
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

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<222> (9)..(9)
<223> (S)-2-amino-3-(naphthalen-1-yl)propanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 304
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 305
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (7)..(7)
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<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 305
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1 5 10 15

<210> 306
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<220>
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other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 306
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1 5 10 15

<210> 307
<211> 15

<212> PRT
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<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<222> (7)..(7)
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<220>
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<222> (10)..(10)
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residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 307
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Trp Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 308
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
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<220>
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<222> (10)..(10)
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<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 308
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Leu Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 309
<211> 15
<212> PRT
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<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 309
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Ile Lys Xaa Xaa Xaa Glu Ala
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<210> 310
<211> 15
<212> PRT
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<220>
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<220>
<221> MOD_RES
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<220>
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<222> (7)..(7)
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<222> (9)..(9)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
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<220>
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<220>
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<220>
<223> C-term amino

<400> 310
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 311
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Ser Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 312
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 312
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 313
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

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<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 313
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 314
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 314
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 315
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> L-homoserine

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 315
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Ser Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 316
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 316
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 317
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-2-amino-3-(3-(trifluoromethyl)phenyl)propanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 317
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 318
<211> 15
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<220>
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<220>
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<220>

<221> MOD_RES
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<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
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<220>
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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 318
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Thr Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 319
<211> 15
<212> PRT
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 319
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala His Lys Xaa Xaa Xaa Glu Ala
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<210> 320
<211> 15
<212> PRT
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<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

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<220>
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groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
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other of the two olefin groups

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 320
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Val Lys Xaa Xaa Xaa Glu Ala
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<210> 321
<211> 15
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<220>
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 321
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Asn Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 322
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 322
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Gln Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 323

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of
1,3-dimethylbenzene, useful for stapling/stapled with another
thiol through the methyl at position 3 of 1,3-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 323
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 324
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of 1,2-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 2 of 1,2-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 324
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 325
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of

1,4-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 4 of 1,4-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 325
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 326
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-morpholino-5-oxopentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 326
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 327
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5,N5-dimethyl-L-glutamine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 327
Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 328
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-4-(methylsulfonyl)butanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 328
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 329
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N6-acetyl-L-lysine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 329
Xaa Asp Xaa Xaa Asp Xaa Lys Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 330
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)

<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 330
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 331
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 4-aminopiperidine-4-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the piperidinyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 331
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 332
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 332
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 333
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 333
Xaa Asp Xaa Xaa Asp Xaa His Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 334
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 334
Xaa Asp Xaa Xaa Asp Xaa Val Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 335
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 335
Xaa Asp Xaa Xaa Asp Xaa Ser Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 336
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 336
Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 337
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 337
Xaa Asp Xaa Xaa Asp Xaa Asn Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 338
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-2-amino-2-cyclopropylacetic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 338
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 339
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 339
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val
1 5 10 15

<210> 340
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> 2-amino-2-methylpropanoic acid

<220>
<223> C-term amino

<400> 340
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 341
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 341
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr
1 5 10 15

<210> 342
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 342
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Ser
1 5 10 15

<210> 343
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> 2-amino-2-methylpropanoic acid

<220>
<223> C-term amino

<400> 343
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa Ser
1 5 10 15

<210> 344
<211> 16

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 344
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr Ser
1 5 10 15

<210> 345
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 345
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Ala
1 5 10 15

<210> 346
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> 2-amino-2-methylpropanoic acid

<220>
<223> C-term amino

<400> 346
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa Ala
1 5 10 15

<210> 347
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 347
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr Ala
1 5 10 15

<210> 348
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (16)..(16)
<223> 2-amino-2-methylpropanoic acid

<220>
<223> C-term amino

<400> 348
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Xaa
1 5 10 15

<210> 349
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (16)..(16)
<223> 2-amino-2-methylpropanoic acid

<220>
<223> C-term amino

<400> 349
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa Xaa
1 5 10 15

<210> 350
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (16)..(16)
<223> 2-amino-2-methylpropanoic acid

<220>
<223> C-term amino

<400> 350
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr Xaa
1 5 10 15

<210> 351
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for
stapling/stapled with another amino acid residue to form a
staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 351
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Val
1 5 10 15

<210> 352
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

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<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
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<400> 352
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Leu
1 5 10 15

<210> 353
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<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

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residue comprising a triazolyl group to form a staple through the terminal methyl group

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<220>
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<213> Artificial Sequence

<220>
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<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 362
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 363
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term hex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-aminopent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 363
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 364
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-2,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 364
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 365
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (R)-2-amino-2,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 365
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 366
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)

<223> (S)-2-amino-2,3-dimethylbutanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 366
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 367
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-3-hydroxy-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 367
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 368
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (R)-2-amino-3-hydroxy-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 368

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 369
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-2-methyl-3-phenylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 369
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 370
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 370
Xaa Asp Xaa Xaa Asp Xaa Xaa Xaa Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 371
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-aminocyclopropane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 371
Xaa Asp Xaa Xaa Asp Xaa Xaa Xaa Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 372
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 372
Xaa Asp Xaa Xaa Asp Xaa Ala Xaa Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 373
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<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<222> (8)..(8)
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the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 374
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<220>
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Xaa Asp Xaa Xaa Asp Xaa Xaa Gln Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
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<220>
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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<223> D-alanine

<220>
<223> C-term amino

<400> 384
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1 5 10 15

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<220>
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through the 6-amino group

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<220>
<223> C-term amino

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<220>
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<220>
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<222> (15)..(15)
<223> D-leucine

<220>
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<400> 386
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1 5 10 15

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<223> C-term amino

<400> 387
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Leu

<210> 388
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<220>
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<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
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Leu

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<400> 389
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1 5 10 15

Leu

<210> 390
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<212> PRT
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<220>
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<220>
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<222> (14)..(14)
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<220>
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<400> 390
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 391
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<220>
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<220>

<223> C-term amino

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Xaa Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<211> 16
<212> PRT
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<220>
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<220>
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<220>
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<220>
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Xaa Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 393
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 394
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<221> MOD_RES
<222> (4)..(4)
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<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 394
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 395
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-cyclopentylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 395
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 396
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 396
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Tyr Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 397
<211> 15
<212> PRT
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<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<223> 2-amino-2-methylpropanoic acid

<220>
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<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 397
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 398
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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 398
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 399
<211> 15
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
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<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 399
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Phe Xaa Glu Ala
1   5   10   15

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peptide

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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

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<221> MOD_RES
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<220>
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<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 401
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

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<220>
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 402
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<220>
<221> MOD_RES
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<220>
<223> C-term amino

<400> 402
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<220>
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peptide

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olefin group to form a staple through the olefin group

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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<223> (S)-2-aminohexanoic acid

<220>
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<223> (S)-2-amino-3-(naphthalen-2-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

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<220>
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<220>
<223> N-term Acetic Acid

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olefin group to form a staple through the olefin group

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(naphthalen-2-yl)propanoic acid

<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Ala

<210> 406
<211> 17
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peptide

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<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Ala

<210> 407
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<212> PRT
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<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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Ala

<210> 408
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<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 408
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Ala

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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

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<220>
<223> C-term amino

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Ala

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<211> 17
<212> PRT
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peptide

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<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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1 5 10 15

Leu

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<220>
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Leu

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<220>
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<220>
<221> MOD_RES
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<220>
<223> C-term amino

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Ala

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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> C-term amino

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Ala

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<211> 17
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 414
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Thr
1 5 10 15

Ala

<210> 415
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-allothreonine

<220>
<223> C-term amino

<400> 415
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Thr
1 5 10 15

Ala

<210> 416
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 416
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Asp
1 5 10 15

Leu

<210> 417
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 417
Gly Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 418
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> methylglycine

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 418
Gly Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 419
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> 3-(methylamino)propanoic acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 419
Xaa Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 420
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-39-amino-5,33-dioxo-1-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)-9,12,15,18,21,24,27,30-octaoxa-6,34-diazatetracontan-40-oic acid

<220>
<223> C-term amino

<400> 420
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 421
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-39-amino-5,33-dioxo-1-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)-9,12,15,18,21,24,27,30-octaoxa-6,34-diazatetracontan-40-oic acid

<220>
<223> C-term amino

<400> 421
Xaa Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 422
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term hex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-3-(allyl(benzyl)amino)-2-aminopropanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 422
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 423
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term hex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-3-(N-allylbenzamido)-2-aminopropanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 423
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 424
<211> 15
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<220>
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<220>
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<223> L-allothreonine

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<220>
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<400> 426
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<210> 427
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<213> Artificial Sequence

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groups and/or with another amino acid residue comprising an

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<220>
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<220>
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Xaa Asp Xaa Xaa Thr Xaa Xaa Glu Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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groups and/or with another amino acid residue comprising an

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<220>
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groups and/or with another amino acid residue comprising an

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residue comprising a side chain acid group to form a staple

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Xaa Asp Xaa Xaa Asp Xaa Xaa Phe Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<220>
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<220>
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<220>

<223> C-term amino

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1 5 10 15

<210> 434
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<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)

<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (8)..(8)
<223> (S)-2-amino-4-(4-hydroxyphenyl)butanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 434
Xaa Asp Xaa Xaa Asp Xaa Xaa Xaa Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (8)..(8)
<223> N6-acetyl-L-lysine

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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Xaa Asp Xaa Xaa Asp Xaa Xaa Lys Phe Lys Xaa Xaa Xaa Glu Ala
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 436
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1 5 10 15

<210> 437
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
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<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
<221> MOD_RES
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<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 438
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<220>
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<220>
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<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 439
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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residue comprising a side chain acid group to form a staple through the 6-amino group

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<221> MOD_RES
<222> (14)..(14)
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<220>
<223> C-term amino

<400> 440
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 441
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<220>
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<220>
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<220>
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<220>
<223> C-term amino

<400> 442
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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groups and/or with another amino acid residue comprising an

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residue comprising a side chain acid group to form a staple
through the 6-amino group

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 443
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 444
Xaa Glu Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 445
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> (S)-2-aminohexanedioic acid

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 445
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 446
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 446
Xaa Asp Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 447
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 447
Xaa Asp Xaa Xaa Xaa Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 448
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<221> MOD_RES
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<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 448
Xaa Xaa Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 449
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 449
Xaa Glu Xaa Xaa Xaa Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 450
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<223> (S)-2-aminohexanedioic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 450
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1 5 10 15

<210> 451
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 451
Xaa Glu Xaa Xaa Glu Glu Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 452
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 452
Xaa Xaa Xaa Xaa Glu Glu Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 453
<211> 15
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<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 453
Xaa Glu Xaa Xaa Glu Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 454
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 454
Xaa Xaa Xaa Xaa Glu Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 455
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-2-aminohexanedioic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Xaa Xaa Xaa Xaa Glu Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 456
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-methylpropanoic acid

<220>
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<223> D-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 456
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<220>
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<220>
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<220>
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<220>
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> (R)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 458
<211> 15
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<220>
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peptide

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<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Glu Ala
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<220>
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<223> N-term Acetic Acid

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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 459
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 460
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<220>
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<220>
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 460
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1 5 10 15

<210> 461
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
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<223> (S)-3-(allyl(benzyl)amino)-2-aminopropanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 461
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 462
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-3-(N-allylbenzamido)-2-aminopropanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 462
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 463
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> (S)-3-(N-allylpivalamido)-2-aminopropanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 463
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 464
<211> 15
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<220>
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<220>
<221> MOD_RES

<222> (3)..(3)
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<220>
<223> C-term amino

<400> 464
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<211> 15
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 2 of bis(methyl)naphthalene, useful for stapling/stapled with another thiol through the methyl at position 6 of bis(methyl)naphthalene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 465
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 466
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 3 of bis(methyl)-1,1'-biphenyl, useful for stapling/stapled with another thiol through the methyl at position 3' of bis(methyl)-1,1'-biphenyl

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 466
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 467
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> (S)-2-amino-3-(4-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 467
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 468

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> (S)-2-amino-3-(4-chlorophenyl)propanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 468
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 469
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-2-amino-3-(4-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 469
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 470
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> (S)-2-amino-3-(3-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 470
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 471
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-2-amino-3-(3-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 471
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 472
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
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peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<221> MOD_RES
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<222> (9)..(9)
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<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 472
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 473
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 473
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 474
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-2-amino-3-(3-methoxyphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
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<220>
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peptide

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<220>
<223> C-term amino

<400> 475
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olefin group to form a staple through the olefin group

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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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residue comprising a side chain acid group to form a staple

through the 6-amino group

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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
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<220>
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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
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<220>
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<220>
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<220>
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<222> (9)..(9)
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<220>
<223> C-term amino

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<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 484
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 485
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> (2S,3S)-2-amino-3-(2,6-dimethylphenyl)butanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 485
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 486
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (9)..(9)
<223> (2R,3S)-2-amino-3-(2,6-dimethylphenyl)butanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 486
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala

1 5 10 15

<210> 487
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> N6-diazo-L-lysine

<220>
<223> C-term amino

<400> 487
Xaa Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Lys
1 5 10 15

<210> 488
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> N6-diazo-L-lysine

<220>
<223> C-term amino

<400> 488
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Lys
1 5 10 15

<210> 489
<211> 14
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<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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Xaa Asp Leu Xaa Asp Asp Lys Ala Phe Glu Xaa Xaa Xaa Gln
1 5 10

<210> 490
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 490
Xaa Asp Leu Xaa Asp Asp Glu Ala Phe Lys Xaa Xaa Xaa Gln
1 5 10

<210> 491
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(2-aminoethyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 491
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1 5 10

<210> 492
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-methyl-N5-(2-(methylamino)ethyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 492
Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Leu Xaa Xaa Xaa Glu
1 5 10

<210> 493
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(3-aminopropyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 493
Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Leu Xaa Xaa Xaa Glu
1 5 10

<210> 494
<211> 14

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(5-aminopentyl)-L-glutamine, useful for stapling/stapled with
another amino acid residue comprising a side chain acid group
to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 494
Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Leu Xaa Xaa Xaa Glu
1 5 10

<210> 495
<211> 14
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-methyl-N5-(6-(methylamino)hexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 495
Xaa Asp Xaa Xaa Asp Xaa Gln Ala Phe Leu Xaa Xaa Xaa Glu
1 5 10

<210> 496
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 496
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 497
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 497
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 498
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 498
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 499
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 499
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Gly
1 5 10 15

<210> 500
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu
1 5 10 15

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<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<223> C-term amino

<400> 501

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1 5 10 15

<210> 502
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 502
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Pro
1 5 10 15

<210> 503
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-proline

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Pro
1 5 10 15

<210> 504
<211> 15
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 504
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ser
1 5 10 15

<210> 505
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<220>
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<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 505
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<211> 15
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<220>
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<220>
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<220>
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<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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1 5 10 15

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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<220>
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Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 516
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 517
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 517
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 518

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 518
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 519
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 519
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 520
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 520
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 521
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 521
Xaa Xaa Xaa Xaa Asp Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 522
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 522
Xaa Asp Xaa Xaa Xaa Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 523
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form another staple through the 6-amino group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form another staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 523
Xaa Asp Lys Xaa Asp Xaa Glu Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 524
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form another staple through the side chain amino group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form another staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 524
Xaa Asp Lys Xaa Asp Xaa Glu Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 525
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term hexanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 525
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 526
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term butyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 526
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 527
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term pyrazine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 527
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 528
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 3-phenylpropanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 528
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 529
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term 3-methoxypropanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 529
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 530
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-4-((3R,5R,8R,9S,10S,13R,14S,17R)-3-hydroxy
-10,13-dimethylhexadecahydro-1H-cyclopenta[a]phenanthrene
-17-yl)pentanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 530
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 531
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-fluorobenzoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 531
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 532
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term benzoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 532
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 533
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term methanesulfonic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 533
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 534
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 4-methylbenzenesulfonamide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 534
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 535
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 1 of 1,4-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 4 of 1,4-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 535
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 536
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of 1,4-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 4 of 1,4-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-homocysteine

<220>
<223> C-term amino

<400> 536
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 537
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 1 of 1,3-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-homocysteine

<220>
<223> C-term amino

<400> 537
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 538
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 1 of 1,4-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 4 of 1,4-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-homocysteine

<220>
<223> C-term amino

<400> 538
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 539
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 539
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 540
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 540
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 541
<211> 15
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<220>
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<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 541
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 542
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(naphthalen-2-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 542
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 543
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2S,3R)-2-amino-3-(naphthalen-2-yl)butanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 543
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1   5   10   15

<210> 544
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
<221> MOD_RES

<222> (13)..(13)
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 544
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 545
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2S,3S)-2-amino-3-(benzo[b]thiophen-3-yl)butanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 545
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 546

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(2,3-dihydro-1H-inden-5-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 546
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 547
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> 4-amino-1-((pent-4-en-1-yloxy)carbonyl)piperidine-4-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 547
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 548
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> 4-amino-1-((hex-5-en-1-yloxy)carbonyl)piperidine-4-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 548
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 549
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> 4-amino-1-((pent-4-en-1-yloxy)carbonyl)piperidine-4-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 549
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 550
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> 4-amino-1-((hex-5-en-1-yloxy)carbonyl)piperidine-4-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 550
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 551
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 551
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala

<210> 552
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 552
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Ala Ala

<210> 553
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 553
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Ala Ala Ala Ala
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<210> 554
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 554
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 555
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 555
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Xaa
1 5 10

<210> 556
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 556
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 557
<211> 14

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (R)-2,4-diaminobutanoic acid, useful for stapling/stapled with
another amino acid residue comprising a side chain acid group
to form a staple through the 4-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 557
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Glu
1 5 10

<210> 558
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (R)-2,4-diaminobutanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 4-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 558
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala

<210> 559
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<223> (R)-2,4-diaminobutanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 4-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 559
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Ala Ala

<210> 560
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> (R)-2,4-diaminobutanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 4-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 560
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 561
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> (R)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 561
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Asp
1 5 10

<210> 562
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (R)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 562
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Asp Ala
1 5 10 15

<210> 563
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> (R)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group

to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 563
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Asp Ala Ala
1 5 10 15

Ala

<210> 564
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> (R)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 564
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Asp Leu Ser
1 5 10 15

<210> 565
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term isobutyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 565
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 566
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term 3-methylbutanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 566
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1 5 10 15

<210> 567
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term propionamide

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 567
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 568
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

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<223> L-alanine-3,3,3-d3

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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<222> (15)..(15)
<223> L-alanine-3,3,3-d3

<220>
<223> C-term amino

<400> 568
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1 5 10 15

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peptide

<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

Leu

<210> 570
<211> 18
<212> PRT
<213> Artificial Sequence

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peptide

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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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Leu Leu

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<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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Ala Leu

<210> 572
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

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Ala Leu Leu

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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

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<223> C-term amino

<400> 573
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1   5   10   15

Ala Leu Leu Leu
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1 5 10 15

Pro Thr Leu Lys
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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Val Pro Thr Leu Lys
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<220>
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Leu Pro Val Xaa
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groups and/or with another amino acid residue comprising an

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residue comprising a side chain acid group to form a staple through the 6-amino group

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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (21)..(21)
<223> (S)-2-aminohexanoic acid

<220>
<223> C-term amino

<400> 577
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1   5   10   15

Lys Leu Pro Val Xaa
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<210> 578
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 578
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Val
1 5 10 15

Pro Ala Leu Arg
20

<210> 579
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 579
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1 5 10 15

Val Pro Ala Leu Arg
20

<210> 580
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 580
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 581
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 581
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1 5 10 15

<210> 582
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 582
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Val Ser
1 5 10 15

<210> 583
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 583
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 584
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 584
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Val
1 5 10 15

<210> 585
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 585
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Val Ser
1 5 10 15

<210> 586
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>

<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 586
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Leu
1 5 10 15

<210> 587
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 587
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 588
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<221> MOD_RES
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 588
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 589
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 589
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Val
1 5 10 15

<210> 590
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 590
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Val Ser
1 5 10 15

<210> 591
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 591
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Leu
1 5 10 15

<210> 592
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 592
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Leu Ser
1 5 10 15

<210> 593
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 593
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 594
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 594
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 595
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2,3-dihydro-1H-indene-2-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 595
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 596
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
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<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 596
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 597
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2,3-dihydro-1H-indene-2-carboxylic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 597
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 598
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 598
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 599
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

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<223> C-term amino

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<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 601
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

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<220>
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stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (7)..(7)
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<221> MOD_RES
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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stapling/stapled with another amino acid residue comprising an
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<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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residue comprising a side chain acid group to form a staple
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<220>
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<220>
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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<220>
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<400> 609
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groups and/or with another amino acid residue comprising an

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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 620
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Phe
1 5 10 15

<210> 621
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 621
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 622
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 622
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Pro
1   5   10   15

<210> 623
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 623
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ser
1 5 10 15

<210> 624
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 624
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Phe
1 5 10 15

<210> 625
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 625
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 626
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 626
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 627
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 627
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 628
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 628
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 629
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 629
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 630
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino)
propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 630
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peptide

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<220>
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<400> 632
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<220>
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<222> (7)..(7)
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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groups and/or with another amino acid residue comprising an

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 635
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1 5 10 15

<210> 636
<211> 16
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 637
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 638
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

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<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 639
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<210> 641
<211> 16
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<220>
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<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 641
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 642
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 642
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 643
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 643
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 644
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 644
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Leu Ser
1 5 10 15

<210> 645
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 645
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 646
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 646
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 647
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 647
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Phe Xaa Glu Leu Ser
1 5 10 15

<210> 648
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term tetrazolo[1,5-a]pyridine-5-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 648
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 649
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pyrazolo[1,5-a]pyrimidine-3-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 649
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 650
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term imidazo[1,2-a]pyridine-8-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 650
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 651
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pyridazine-3-carboxylic acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 651
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 652
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 4-(pyridin-2-yl)butanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 652
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 653
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term pyrimidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 653
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 654
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term pyrimidine-5-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 654
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 655
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pyrimidine-4-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 655
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 656

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 656
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 657
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 657
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 658
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 658
Xaa Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 659
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 659
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 660
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 660
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 661
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 661
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 662
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 662
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 663
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 663
Xaa Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 664

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-2-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 664
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 665
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 665
Xaa Phe Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 666
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 666
Xaa Gln Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 667
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 667
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 668
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 668
Xaa Asp Xaa Ala Asp Xaa Ala Ala Phe Xaa Lys Xaa Xaa Ala Glu
1 5 10 15

<210> 669
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-thiazolidine-4-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 669
Xaa Asp Xaa Ala Asp Xaa Ala Ala Phe Xaa Lys Xaa Xaa Ala Glu
1 5 10 15

<210> 670
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> 3-((carboxymethyl)amino)propanoic acid

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 670
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 671
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminooctanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 671
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 672
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-aminononanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 672
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 673
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 673
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 674
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-aminooctanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 674
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 675
<211> 15
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
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<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-aminononanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 675
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 676
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 676
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 677
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)

<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
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<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 677
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 678
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> 3-amino-1-((pent-4-en-1-yloxy)carbonyl)azetidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 678
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 679
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> 3-amino-1-((hex-5-en-1-yloxy)carbonyl)azetidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 679

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 680
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-3-([1,1'-biphenyl]-2-yl)-2-aminopropanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 680
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 681
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES

<222> (1)..(1)
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 681
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 682
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-3-([1,1'-biphenyl]-2-yl)-2-aminopropanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 682
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 683
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-([1,1'-biphenyl]-2-yl)-2-aminopropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 683
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 684
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 684
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 685
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-aminoheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 685
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

<210> 686
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> D-isoaspartic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 686
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 687
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> L-isoglutamic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 687
Xaa Glu Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 688
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> D-isoglutamic acid

<220>
<221> MOD_RES
<222> (3)..(3)
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 688
Xaa Glu Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 689
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> 3-aminopentanedioic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 689
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 690
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> 3-aminopentanedioic acid

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 690
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 691
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 691
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 692
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 692
Xaa Asp Ile Xaa Asp Xaa Val Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 693
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 693
Xaa Asp Ile Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu Ala

1 5 10 15

<210> 694
<211> 15
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 694
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 695
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-propylpentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 695
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1 5 10 15

<210> 696
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 696
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1 5 10 15

<210> 697
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 697
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1 5 10 15

<210> 698
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
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<222> (4)..(4)
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<220>
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<223> (S)-2-aminohexanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 698
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 699
<211> 15
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<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 699
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1 5 10 15

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<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

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1 5 10 15

<210> 701
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<220>
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Val Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 702
<211> 15
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<213> Artificial Sequence

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<400> 702
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1 5 10 15

<210> 703
<211> 15
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

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<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

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<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<220>
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<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 704
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 705
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 705
Xaa Asp Xaa Xaa Asp Xaa Val Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 706
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 706
Xaa Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 707
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 707
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 708
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclobutylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-propylpentanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 708
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 709
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term hex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 709
Xaa Asp Xaa Ala Asp Xaa Ala Ala Phe Xaa Lys Xaa Xaa Ala Glu
1 5 10 15

<210> 710
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 710
Xaa Asp Xaa Xaa Asp Xaa Gly Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 711
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-alanine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 711
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 712
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 712
Xaa Asp Xaa Xaa Asp Xaa Xaa Thr Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 713
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 713
Xaa Asp Xaa Xaa Asp Xaa Xaa Thr Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 714
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 714
Xaa Asp Xaa Xaa Asp Xaa Xaa Gly Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 715
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 715
Xaa Asp Xaa Xaa Asp Xaa Gly Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 716
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-alanine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 716
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 717
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 717
Xaa Asp Xaa Xaa Asp Xaa Xaa Ser Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 718
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 718
Xaa Asp Xaa Xaa Asp Xaa Xaa Thr Phe Lys Xaa Xaa Xaa Glu Ala

1 5 10 15

<210> 719
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (8)..(8)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 719
Xaa Asp Xaa Xaa Asp Xaa Xaa Thr Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 720
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 720
Xaa Asp Xaa Xaa Asp Xaa Xaa Gly Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 721
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 721
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 722
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 722
Xaa Asp Xaa Xaa Asp Xaa Xaa Ser Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 723
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 723
Xaa Asp Xaa Xaa Asp Xaa Phe Ser Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 724
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 724
Xaa Asp Xaa Xaa Asp Xaa Val Ser Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 725
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 725
Xaa Asp Xaa Xaa Asp Xaa Xaa Gly Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 726
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 726
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1 5 10 15

<210> 727
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 727
Xaa Asp Xaa Xaa Asp Xaa Val Gly Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 728
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 728
Xaa Asp Xaa Xaa Asp Xaa Xaa Xaa Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 729
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 729
Xaa Asp Xaa Xaa Asp Xaa Phe Xaa Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 730
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (8)..(8)
<223> (S)-2-aminohexanoic acid

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<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 730
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1 5 10 15

<210> 731
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
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<222> (8)..(8)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 731
Xaa Asp Xaa Xaa Asp Xaa Xaa Thr Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 732
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (8)..(8)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 732
Xaa Asp Xaa Xaa Asp Xaa Val Thr Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 733
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term hex-5-enoic acid, useful for stapling/stapled with another
amino acid residue comprising an olefin group to form a staple
through the olefin group

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylpent-4-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 733
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1 5 10 15

<210> 734
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-nitrophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term protide

<400> 734
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
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<210> 735
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
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<223> N6-(1-(4,4-dimethyl-2,6-dioxocyclohexylidene)-3-methylbutyl)-L-lysine

<220>
<223> C-term protide

<400> 735
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1 5 10 15

Ala Lys

<210> 736

<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Fmoc

<220>
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<222> (1)..(1)
<223> N6-diazo-L-lysine

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> propargylglycine

<220>
<223> C-term protide

<400> 736
Lys Xaa Xaa Xaa Gly Ala
1 5

<210> 737
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Fmoc

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-4-(tert-butoxy)-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4-(tert-butoxy)-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-3-(3-(tert-butoxycarbonyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>

<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term protide

<400> 737
Xaa Xaa Xaa Xaa Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10

<210> 738
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (2)..(2)
<223> (S)-2-amino-4-(tert-butoxy)-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-4-(tert-butoxy)-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-(3-(tert-butoxycarbonyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term protide

<400> 738
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 739
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 739
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Leu Xaa Xaa Xaa Gln
1 5 10

<210> 740
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 740
caacaagatg aagagcacca a 21

<210> 741

<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 741
ctatcaagat gatgcagaac t 21

<210> 742
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 742
tctaacctca cttgcaataa t 21

<210> 743
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 743
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 744
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 744
Xaa Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 745
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 4-(pyridin-2-yl)butanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 745
Xaa Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 746
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-acetyl-4-aminopiperidine-4-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 746
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala

1 5 10 15

<210> 747
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 4-amino-1-benzoylpiperidine-4-carboxylic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 747
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 748
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 4-amino-1-(3-methylbutanoyl)piperidine-4-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 748
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 749
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-1-acetyl-3-aminopyrrolidine-3-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 749
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 750
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-amino-1-benzoylpyrrolidine-3-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 750
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 751
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> (S)-3-amino-1-(3-methylbutanoyl)pyrrolidine-3-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 751
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 752
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (R)-1-acetyl-3-aminopyrrolidine-3-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 752
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 753
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> (R)-3-amino-1-benzoylpyrrolidine-3-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<210> 754
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> (R)-3-amino-1-(3-methylbutanoyl)pyrrolidine-3-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 754
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 755
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<220>
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<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 755
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1 5 10

<210> 756
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 756
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 757
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 757
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 758
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 758
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 759
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 759
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 760
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 760
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 761
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 761
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 762
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 762
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 763
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 763
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 764
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 764
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 765
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 765
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 766
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 766
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 767
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (2S,3S)-2-amino-3-methylsuccinic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 767
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 768
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-amino-2,2-dimethylsuccinic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 768
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 769
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-(1H-imidazol-1-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 769
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 770
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2,2-difluoro-2-(pyridin-2-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 770
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 771
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-(imidazo[1,2-a]pyridin-2-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 771
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 772
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 773

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term 2-(quinolin-6-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

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<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 774
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1 5 10 15

<210> 775
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 775
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 776
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<221> MOD_RES
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<220>
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<220>
<223> C-term amino

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1 5 10 15

<210> 777
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 778
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 778
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 779
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
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<220>
<221> MOD_RES
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

<210> 780
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
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<222> (14)..(14)
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<220>
<223> C-term amino

<400> 780
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<210> 781
<211> 15
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<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term 2-(1H-1,2,4-triazol-1-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 781
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 782
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-(imidazo[1,2-a]pyridin-3-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 782
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 783
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> dimethylglycine

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 783
Gly Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 784
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 3-(4-methylpiperazin-1-yl)propanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 784
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 785
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-(4-methylpiperazin-1-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 785
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 786
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 1-methyl-1H-imidazole-4-sulfonic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 786
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 787
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term quinoline-8-sulfonic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 787
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 788
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 788
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala
1 5 10

<210> 789
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 789
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 790
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 790
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala
1 5 10

<210> 791
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 791
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1 5 10

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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
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<400> 792
Xaa Asp Ile Xaa Asp Xaa Phe Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 793

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Ala
1 5 10

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<211> 15
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<223> N-term Acetic Acid

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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 794
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Ala Ala
1 5 10 15

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

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<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a

staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

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<211> 14
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 797
Xaa Asp Ile Xaa Asp Xaa Phe Ala Phe Xaa Xaa Phe Xaa Ala
1   5   10

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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

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<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
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1 5 10 15

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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (7)..(7)
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<220>
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<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<400> 799
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olefin group to form a staple through the olefin group

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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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residue comprising a side chain acid group to form a staple
through the 6-amino group

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acid residue comprising an olefin group to form a staple through

the olefin group

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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

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<220>
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<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 801
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu

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<220>
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<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 802
Xaa Asp Ile Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 803
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 803
Xaa Asp Ile Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 804

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 804
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 805
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 805
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 806
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 806
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 807
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 807
Xaa Asp Ile Xaa Asp Xaa Phe Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 808
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dimethylphenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 808
Xaa Asp Ile Xaa Asp Xaa Phe Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 809
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 809
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 810
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 810
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 811
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 811
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ser
1 5 10 15

<210> 812
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 812
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 813
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 813
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 814
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 814
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ser
1 5 10 15

<210> 815
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 815
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 816
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 816
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 817
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 817
Xaa Asp Xaa Xaa Asp Xaa Phe Ala Phe Lys Xaa Xaa Xaa Glu Ser
1 5 10 15

<210> 818
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 818
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 819
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)

<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 819
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 820
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 820
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ser
1 5 10 15

<210> 821
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((2S,3R)-3-methoxy-2-methylhept-6-enoyl) pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 821

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 822
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((2R,3S)-3-methoxy-2-methylhept-6-enoyl) pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 822
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 823
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(3-(((R)-but-3-en-2-yl)oxy)propanoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 823
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 824
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(3-(((S)-but-3-en-2-yl)oxy)propanoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 824
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 825
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
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<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for

stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
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<223> (S)-3-amino-1-(3,3-dimethylhept-6-enoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 825
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1 5 10 15

<210> 826
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

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<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-(hept-6-enoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 826
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 827
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(but-3-enoyl-L-alanyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 827
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 828
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for
stapling/stapled with another amino acid residue to form a
staple through the 4-position of the triazolyl group

<220>
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<223> (S)-3-amino-1-(but-3-enoyl-D-alanyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 828
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1 5 10 15

<210> 829
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 829
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1 5 10 15

<210> 830
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<221> MOD_RES
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 830
Xaa Val Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 831
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 831
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1 5 10 15

<210> 832
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 832
Xaa Thr Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 833
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 833
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1 5 10 15

<210> 834
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<220>
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<222> (5)..(5)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (6)..(6)
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<220>
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<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 834
Pro Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

Ala

<210> 835
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 835
Ser Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

Ala

<210> 836
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 836
Ala Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

Ala

<210> 837
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 837
Xaa Val Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 838
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 838
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 839
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 839
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 840
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 840
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Arg Ala Ala Ala Ala
20

<210> 841
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 841
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Arg
1 5 10 15

Ala Ala Ala Arg Ala
20

<210> 842
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 842
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Arg Ala Ala Ala Arg
20

<210> 843
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 843
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1   5   10   15

Lys Ala Ala Ala Lys
            20

<210> 844
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form another staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (21)..(21)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form another staple through the 6-amino group

<220>
<223> C-term amino

<400> 844
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Glu Ala Ala Ala Lys
            20

<210> 845
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form another staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (22)..(22)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form another staple through the 6-amino group

<220>
<223> C-term amino

<400> 845
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1   5   10   15

Ala Glu Ala Ala Ala Lys
            20

<210> 846
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (1S,2R)-1-amino-2-phenylcyclohexane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 846
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 847
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 847
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 848
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 848
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 849
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 849
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 850
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 850
Xaa Asn Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 851
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 851
Xaa Asn Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 852
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 852
Xaa Asn Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ser
1 5 10 15

<210> 853
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 853
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 854
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 854
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 855
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 855
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 856
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 856
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 857
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 857
Xaa Asn Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 858
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 858
Xaa Asn Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 859
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-20-amino-14-oxo-2,5,8,11-tetraoxa-15-azahenicosan-21-oic acid

<220>
<223> C-term amino

<400> 859
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 860
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 860
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 861
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-56-amino-50-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-hexadecaoxa-51-azaheptapentacontan-57-oic acid

<220>
<223> C-term amino

<400> 861
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 862
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2,5,8,11-tetraoxatetradecan-14-oic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 862
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 863
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2,5,8,11,14,17,20,23-octaoxahexacosan-26-oic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 863
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 864

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-hexadecaoxapentacontan-50-oic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 864
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 865
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 865
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 866
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 866
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 867
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
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peptide

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olefin group to form a staple through the olefin group

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

<220>
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residue comprising a side chain acid group to form a staple
through the 6-amino group

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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<220>

<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<400> 868
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1 5 10 15

<210> 869
<211> 16
<212> PRT
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<222> (8)..(8)
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<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

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<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> L-homoserine

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<220>
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<220>
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<400> 871
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<212> PRT
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<220>
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<220>
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<220>
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<220>
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<210> 873
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
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peptide

<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
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olefin group to form a staple through the olefin group

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<220>
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<222> (11)..(11)
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residue comprising a side chain acid group to form a staple
through the 6-amino group

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<220>
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<222> (15)..(15)
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<220>
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<223> 2-amino-2-methylpropanoic acid

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<222> (11)..(11)
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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<222> (15)..(15)
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<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> L-homoserine

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 875
Xaa Ala Asp Xaa Xaa Ser Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 876

<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 876
Xaa Ala Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 877
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 877
Xaa Glu Glu Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 878
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 878
Xaa Glu Asp Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 879
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(2-amino-N-(hept-6-en-1-yl)acetamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino

<220>
<221> MOD_RES
<222> (11)..(11)
<223> CONT. FROM ABOVE acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 879
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 880
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(5-amino-N-(hept-6-en-1-yl)pentanamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino

<220>
<221> MOD_RES
<222> (11)..(11)
<223> CONT. FROM ABOVE acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 880
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 881
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(N-(2-aminoethyl)hept-6-enamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino acid

<220>
<221> MOD_RES

<222> (11)..(11)
<223> CONT. FROM ABOVE residue comprising a side chain acid group
to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 881
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 882
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(N-(3-aminopropyl)hept-6-enamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> CONT. FROM ABOVE residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 882

Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 883
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 883
Xaa Glu Glu Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 884
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 884
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 885
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 885
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 886
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 886
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 887
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 887
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 888
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 888
Xaa Ala Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 889
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 889
Xaa Ala Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu

1 5 10 15

<210> 890
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 890
Xaa Ala Asp Ala Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 891
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 891
Xaa Ala Asp Ala Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 892

<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 892
Xaa Ala Asp Phe Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 893
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 893
Xaa Ala Asp Phe Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 894
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 894
Xaa Ala Asp Ile Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 895
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 895
Xaa Ala Asp Ile Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 896
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 4-amino-1-(3-methylbutanoyl)piperidine-4-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 896
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Ala
1 5 10

<210> 897
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 897
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 898
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 898
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 899
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 899
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 900
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(7-fluorobenzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 900
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 901
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(7-fluorobenzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 901
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 902
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(7-chlorobenzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 902
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 903
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(7-chlorobenzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 903
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 904
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(7-methylbenzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 904
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 905
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(7-methylbenzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 905
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 906
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 906
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Val Glu
1 5 10 15

Ala

<210> 907
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 907
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Val Glu
1 5 10 15

Leu

<210> 908
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 908
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Val Thr
1 5 10 15

Ala

<210> 909
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 909
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Val Glu
1 5 10 15

Ala

<210> 910
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 910
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Val Glu
1 5 10 15

Leu

<210> 911
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 911

Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Val Thr
1 5 10 15

Ala

<210> 912
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 912
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Ala

<210> 913
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 913
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Leu

<210> 914
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 914
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Thr
1 5 10 15

Ala

<210> 915
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 915
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Ala

<210> 916
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 916
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Leu

<210> 917
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 917
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Thr
1 5 10 15

Ala

<210> 918
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 3 of bis(methyl)-1,1'-biphenyl, useful for stapling/stapled with another thiol through the methyl at position 3? of bis(methyl)-1,1'-biphenyl

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 918
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 919
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 2 of bis(methyl)naphthalene, useful for stapling/stapled with another thiol through the methyl at position 6 of bis(methyl)naphthalene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<400> 919
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1 5 10 15

<210> 920
<211> 15
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 2 of 2,6-dimethylpyridine, useful for stapling/stapled with another

thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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1 5 10 15

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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of 1,3-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3-dimethylbenzene

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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peptide

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<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)

<223> L-homocysteine, sulfur bonded to the methyl at position 2 of 2,6-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<220>
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<220>
<223> N-term Acetic Acid

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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

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<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of propane, useful for stapling/stapled with another thiol through position 3 of propane

<220>
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<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
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<400> 923

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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<221> MOD_RES
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<223> Cysteine, sulfur bonded to position 1 of butane, useful for stapling/stapled with another thiol through position 4 of butane

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<220>
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

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<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to a methyl at position 3 of bis(methyl)oxetane, useful for stapling/stapled with another thiol through the other methyl at position 3 of bis(methyl)oxetane

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<220>
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<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<400> 926
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 927
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
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<220>
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<223> 2-amino-2-methylpropanoic acid

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<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of but-2-ene, useful for stapling/stapled with another thiol through position 4 of but-2-ene

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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1 5 10 15

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<211> 15
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> L-homocysteine, sulfur bonded to position 1 of propane, useful for stapling/stapled with another thiol through position 3 of propane

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<220>
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<220>
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Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
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<220>
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<220>
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<220>
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<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 930
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 931
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of propan-2-one, useful for stapling/stapled with another thiol through position 3 of propan-2-one

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 931
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 932
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to position 1 of propan-2-one, useful for stapling/stapled with another thiol through position 3 of propan-2-one

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 932
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 933
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 933
Ala Ala Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 934
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 934
Asp Ala Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 935
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 935
Pro Ala Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 936
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 936
Ala Ala Xaa Ser Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 937
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 937
Asp Ala Xaa Ser Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 938
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 938
Pro Ala Xaa Ser Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 939
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 939
Ala Ala Xaa Leu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 940
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 940
Asp Ala Xaa Leu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 941
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 941
Pro Ala Xaa Leu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 942
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 942
Ala Ser Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 943
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 943
Asp Ser Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 944
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (7)..(7)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (9)..(9)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<400> 944
Pro Ser Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa
1 5 10 15

Glu Ala

<210> 945
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES

<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 945
Xaa Leu Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 946
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(4-amino-N-(hept-6-en-1-yl)butanamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino

<220>
<221> MOD_RES
<222> (12)..(12)
<223> CONT. FROM ABOVE acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 946
Xaa Ala Asp Xaa Xaa Ala Asp Xaa Xaa Ala Phe Xaa Leu Xaa Xaa Glu
1 5 10 15

Ala

<210> 947
<211> 17
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(4-amino-N-(hept-6-en-1-yl)butanamido)propanoic
acid, useful for stapling/stapled with another amino acid
residue comprising an olefin group to form a staple through the
olefin group and useful for stapling/stapled with another amino

<220>
<221> MOD_RES
<222> (12)..(12)
<223> CONT. FROM ABOVE acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 947
Xaa Ala Asp Xaa Xaa Ala Asp Xaa Xaa Ala Phe Xaa Leu Xaa Xaa Glu
1 5 10 15

Ala

<210> 948
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(4-amino-N-(hept-6-en-1-yl)butanamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino

<220>
<221> MOD_RES
<222> (12)..(12)
<223> CONT. FROM ABOVE acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 948
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 949
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(4-amino-N-(hept-6-en-1-yl)butanamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino

<220>
<221> MOD_RES
<222> (12)..(12)
<223> CONT. FROM ABOVE acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 949
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 950
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4-mercapto-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 950
Xaa Xaa Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 951
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-4-mercapto-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 951
Xaa Asp Xaa Xaa Xaa Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 952
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> (S)-2-amino-4-mercapto-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-4-mercapto-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 952
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 953
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-6-methylheptanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 953
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 954
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

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<222> (12)..(12)
<223> (S)-2-amino-4-phenylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 954
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 955
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-5-hydroxypentanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 955
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 956
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<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-6-methylheptanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 956
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 957
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4-phenylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 957
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 958
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-5-hydroxypentanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 958
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 959
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 959
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 960
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 961
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (7)..(7)

<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 961
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 962
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-6-methylheptanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 962
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 963
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-4-phenylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 963
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 964
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-5-hydroxypentanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 964
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 965
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-4-cyclobutylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 965
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 966
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4-cyclopentylbutanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 966
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 967
<211> 15
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<220>
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<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclohexylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 967
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 968
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-4-cyclobutylbutanoic acid

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<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 968
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 969
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
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<220>
<221> MOD_RES
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4-cyclopentylbutanoic acid

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 969
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 970
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclohexylbutanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 970
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 971
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclobutylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 971
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 972
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
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<223> (S)-2-amino-4-cyclopentylbutanoic acid

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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 972
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 973
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-4-cyclohexylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 973
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 974
<211> 15
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<220>
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peptide

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<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-4-cyclobutylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 974
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 975
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-4-cyclopentylbutanoic acid

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 975
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 976
<211> 15
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
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<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 976
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 977
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 977
Xaa Ala Asp Xaa Xaa Asp Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 978
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<222> (8)..(8)

<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 978
Xaa Ala Asp Xaa Xaa Glu Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 979
<211> 16
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<213> Artificial Sequence

<220>
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<223> N-term Acetic Acid

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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 979
Xaa Ala Asp Xaa Xaa Xaa Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 980
<211> 16
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 980
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1 5 10 15

<210> 981
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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peptide

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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
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olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
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<222> (12)..(12)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 981
Xaa Pro Asp Xaa Xaa Glu Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 982
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<221> MOD_RES
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 982
Xaa Pro Asp Xaa Xaa Xaa Asp Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 983
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
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<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-2-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
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<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 983
Xaa Ala Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 984
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-4-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 984
Xaa Ala Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 985
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 985
Xaa Ala Asp Ile Xaa Asp Asp Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 986
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 986
Xaa Ala Asp Ile Xaa Asp Glu Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 987
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>

<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 987
Xaa Ala Asp Ile Xaa Asp Asn Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 988
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 988
Xaa Ala Asp Ile Xaa Asp Gln Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 989
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 989
Xaa Ala Asp Ile Xaa Asp Ser Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 990
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-3,3-dimethylbutanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 990
Xaa Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 991
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 991
Xaa Val Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 992
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 992
Xaa Ile Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 993
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclobutylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 993
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Ala

<210> 994
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclopentylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 994
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1   5   10   15

Ala

<210> 995
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclohexylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 995
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Ala

<210> 996
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclobutylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 996
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Ala

<210> 997
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-4-cyclopentylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 997
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1   5   10   15

Ala

<210> 998
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-4-cyclohexylbutanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 998
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Ala

<210> 999
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 999
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Thr Glu
1 5 10 15

Ala

<210> 1000
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1000
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ser Glu
1 5 10 15

Ala

<210> 1001
<211> 17
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1001
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Thr Ser
1 5 10 15

Ala

<210> 1002
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1002
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ser Ser
1 5 10 15

Ala

<210> 1003
<211> 17

<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1003
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Thr Lys
1 5 10 15

Ala

<210> 1004
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1004
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ser Lys
1 5 10 15

Ala

<210> 1005
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1005
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Thr Glu
1 5 10 15

Leu

<210> 1006
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1006
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ser Glu
1 5 10 15

Leu

<210> 1007
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1007
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Thr Ser
1 5 10 15

Leu

<210> 1008
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1008
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ser Ser
1 5 10 15

Leu

<210> 1009
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1009
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Thr Lys
1 5 10 15

Leu

<210> 1010
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1010
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ser Lys
1 5 10 15

Leu

<210> 1011
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(4-amino-N-(hept-6-en-1-yl)butanamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino

<220>
<221> MOD_RES
<222> (11)..(11)
<223> CONT. FROM ABOVE acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 1011
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 1012
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(N-(2-aminoethyl)hept-6-enamido)propanoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group and useful for stapling/stapled with another amino acid

<220>
<221> MOD_RES
<222> (11)..(11)

<223> CONT. FROM ABOVE residue comprising a side chain acid group
to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 1012
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Leu Xaa Xaa Xaa Ala Glu
1 5 10 15

<210> 1013
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of 1,3,5-trimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3,5-trimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1013
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala

1 5 10 15

<210> 1014
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 1 of 1,3,5-trimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3,5-trimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1014
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 1015
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 1015
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Lys

1 5 10

<210> 1016
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1016
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1017
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<223> C-term amino

<400> 1017
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Lys
1 5 10

<210> 1018

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 1018
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Xaa
1 5 10

<210> 1019
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<223> C-term amino

<400> 1019
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Lys
1 5 10

<210> 1020
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<223> C-term amino

<400> 1020
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Xaa
1 5 10

<210> 1021
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-aminohexanedioic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 5-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<223> C-term amino

<400> 1021
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Lys
1 5 10

<210> 1022
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N4-(2-aminoethyl)-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1022
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Asn
1 5 10

<210> 1023
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(2-aminoethyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1023
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Gln
1 5 10

<210> 1024
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> (S)-2-amino-4-oxo-4-(piperazin-1-yl)butanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1024
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Xaa
1 5 10

<210> 1025
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-oxo-5-(piperazin-1-yl)pentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1025
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Xaa
1 5 10

<210> 1026
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N5-((R)-pyrrolidin-3-yl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1026
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Gln Xaa Phe Xaa Glu
1 5 10

<210> 1027
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((R)-pyrrolidin-3-yl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1027
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Gln
1   5   10

<210> 1028
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N5-((S)-pyrrolidin-3-yl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1028
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Gln Xaa Phe Xaa Glu
1 5 10

<210> 1029
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((S)-pyrrolidin-3-yl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1029
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Gln
1 5 10

<210> 1030
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of 1,3-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1030
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1031
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 2 of 2,6-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1031
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1032
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of propane, useful for
stapling/stapled with another thiol through position 3 of
propane

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1032
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1033
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of but-2-ene, useful for stapling/stapled with another thiol through position 4 of but-2-ene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1033
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1034
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of 1,3,5-trimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3,5-trimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1034
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1035
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to a methyl at position 3 of bis(methyl)oxetane, useful for stapling/stapled with another thiol through the other methyl at position 3 of bis(methyl)oxetane

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1035
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1036
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> N6-acetyl-L-lysine

<220>
<223> C-term amino

<400> 1036
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Lys

<210> 1037
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> N6-acetyl-L-lysine

<220>
<223> C-term amino

<400> 1037
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala Ala
1 5 10 15

Lys

<210> 1038
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> N6-acetyl-L-lysine

<220>
<223> C-term amino

<400> 1038
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Lys

<210> 1039
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> N6-acetyl-L-lysine

<220>
<223> C-term amino

<400> 1039
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala Ala
1 5 10 15

Ala Lys

<210> 1040
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-acetamido-2-aminopropanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1040
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1041
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> 4-amino-1-(carboxymethyl)piperidine-4-carboxylic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1041
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<210> 1042
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-((carboxymethyl)((perfluorophenyl)methyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1042
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1 5 10 15

<210> 1043
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-2-amino-3-((carboxymethyl)(4,4,4-trifluorobutyl)amino) propanoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

<210> 1044
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term methanamine

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1 5 10 15

<210> 1045
<211> 17
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-20-amino-14-oxo-2,5,8,11-tetraoxa-15-azahenicosan-21-oic acid

<220>
<223> C-term amino

<400> 1045
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1046
<211> 17
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1046
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1047
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-56-amino-50-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-hexadecaoxa-51-azaheptapentacontan-57-oic acid

<220>
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<400> 1047
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1 5 10 15

Xaa

<210> 1048
<211> 17
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-20-amino-14-oxo-2,5,8,11-tetraoxa-15-azahenicosan-21-oic acid

<220>
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<400> 1048
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1049
<211> 17
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

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1 5 10 15

Xaa

<210> 1050
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-56-amino-50-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-hexadecaoxa-51-azaheptapentacontan-57-oic acid

<220>
<223> C-term amino

<400> 1050
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1051
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1051
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1052
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-56-amino-50-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-hexadecaoxa-51-azaheptapentacontan-57-oic acid

<220>
<223> C-term amino

<400> 1052
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1053
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-119-amino-113-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59,62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107,110-heptatriacontaoxa-114-azaicosahectan-120-oic acid

<220>
<223> C-term amino

<400> 1053
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1054
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-20-amino-14-oxo-2,5,8,11-tetraoxa-15-azahenicosan-21-oic acid

<220>
<223> C-term amino

<400> 1054
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1055
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1055
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala Ala
1   5   10   15

Ala Xaa

<210> 1056
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-56-amino-50-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-hexadecaoxa-51-azaheptapentacontan-57-oic acid

<220>
<223> C-term amino

<400> 1056
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1057
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-methyl-N5-(2-(methylamino)ethyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>

<223> C-term amino

<400> 1057
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Gln
1 5 10

<210> 1058
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N4-methyl-N4-(2-(methylamino)ethyl)-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1058
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Asn
1 5 10

<210> 1059
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N4-(2-aminoethyl)-N4-methyl-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1059
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Asn
1 5 10

<210> 1060
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N4-(2-aminoethyl)-N4-methyl-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a

side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1060
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Asn Xaa Phe Xaa Glu
1 5 10

<210> 1061
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N4-((R)-pyrrolidin-3-yl)-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1061
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Asn

1 5 10

<210> 1062
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N4-((R)-pyrrolidin-3-yl)-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 1062
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Asn Xaa Phe Xaa Asp
1 5 10

<210> 1063
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N4-((R)-pyrrolidin-3-yl)-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1063
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Asn Xaa Phe Xaa Glu
1   5   10

<210> 1064
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-aspartic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the acid group in the side chain

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N4-((S)-pyrrolidin-3-yl)-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1064
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Asp Xaa Phe Xaa Asn
1 5 10

<210> 1065
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N4-((S)-pyrrolidin-3-yl)-L-asparagine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1065
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Glu Xaa Phe Xaa Asn
1 5 10

<210> 1066

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N4-((S)-pyrrolidin-3-yl)-L-asparagine, useful for
stapling/stapled with another amino acid residue comprising a
side chain acid group to form a staple through the amino group
in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-aspartic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the acid group in the side chain

<220>
<223> C-term amino

<400> 1066
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Asn Xaa Phe Xaa Asp
1 5 10

<210> 1067
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 2 of 2,6-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1067
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1068
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 1 of 1,3,5-trimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3,5-trimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1068
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1069
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to position 1 of propane, useful for stapling/stapled with another thiol through position 3 of propane

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1069
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1070
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to position 1 of butane, useful for stapling/stapled with another thiol through position 4 of butane

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1070

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1071
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to position 1 of but-2-ene, useful for stapling/stapled with another thiol through position 4 of but-2-ene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1071
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1072
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to position 1 of propan-2-one, useful for stapling/stapled with another thiol through position 3 of propan-2-one

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-2-methylpropanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1072
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1073
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-4-((2-amino-2-carboxyethyl)amino)-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1073
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1074
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-2-amino-3-(2-carboxyacetamido)propanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1074
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1075
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-((2-amino-2-carboxyethyl)amino)-2,2-dimethyl-3-oxopropanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1075
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1076
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(((S)-2-amino-2-carboxyethyl)carbamoyl)-4-methylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1076
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1   5   10   15

<210> 1077
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (R)-4-(((S)-2-amino-2-carboxyethyl)amino)-3-methyl-4-oxobutanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1077
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1078
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (R)-3-(((S)-2-amino-2-carboxyethyl)carbamoyl)-4-methylpentanoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1078
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1079
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(4-vinylbenzoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1079
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1080

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for
stapling/stapled with another amino acid residue to form a
staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-1-(3-(allyloxy)benzoyl)-3-aminopyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1080
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1081
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(but-3-enoyl-L-valyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1081
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1082
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(but-3-enoyl-D-valyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1082
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1083
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-(N-(but-3-enoyl)-N-methylglycyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1083
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1084
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((S)-1-(but-3-enoyl)piperidine-3-carbonyl) pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1084
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1085
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((R)-1-(but-3-enoyl)piperidine-3-carbonyl) pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1085
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1086
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(but-3-enoyl-L-prolyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid

residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1086
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1087
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-(2-methyl-2-(4-vinylphenyl)propanoyl) pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1087
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1088
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-1-(3-allylbenzoyl)-3-aminopyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1088
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1089
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 3 of 3,5-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl at position 5 of 3,5-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1089
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 1090
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1090
Xaa Pro Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1091
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of bis(methyl)-5-methoxybenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of bis(methyl)-5-methoxybenzene

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1091
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ala
1 5 10 15

<210> 1092
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 2 of 2,6-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1092

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1093
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 3 of 3,5-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl at position 5 of 3,5-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1093
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1094
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of bis(methyl)-5-methoxybenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of bis(methyl)-5-methoxybenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1094
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1095
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of butane, useful for stapling/stapled with another thiol through position 4 of butane

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1095
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1 5 10 15

<210> 1096
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<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> Cysteine, sulfur bonded to position 1 of but-2-ene, useful for stapling/stapled with another thiol through position 4 of but-2-ene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
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1 5 10 15

<210> 1097
<211> 15
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<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of propane, useful for stapling/stapled with another thiol through position 3 of propane

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
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<400> 1097
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1 5 10 15

<210> 1098
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<213> Artificial Sequence

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-4-hydrosulfinylbutanoic acid, sulfur bonded to position 1 of but-2-ene, useful for stapling/stapled with another thiol through position 4 of but-2-ene

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
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<220>
<223> C-term amino

<400> 1098
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1 5 10 15

<210> 1099

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
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2,6-dimethylpyridine, useful for stapling/stapled with another
thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-homocysteine

<220>
<223> C-term amino

<400> 1099
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1 5 10 15

<210> 1100
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of but-2-ene, useful for stapling/stapled with another thiol through position 4 of but-2-ene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-homocysteine

<220>
<223> C-term amino

<400> 1100
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1 5 10 15

<210> 1101
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

<210> 1102
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)

<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1102
Xaa Val Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1103
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1103
Xaa Val Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1104
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1104
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1105
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1105
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1106

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 2 of
2,6-dimethylpyridine, useful for stapling/stapled with another
thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1106
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1107
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to the methyl at position 3 of 3,5-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl at position 5 of 3,5-dimethylpyridine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1107
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1108
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-homocysteine, sulfur bonded to position 1 of propane, useful for stapling/stapled with another thiol through position 3 of propane

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (R)-2-amino-3-mercapto-3-methylbutanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the thiol group

<220>
<223> C-term amino

<400> 1108
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Xaa Ala
1 5 10 15

<210> 1109
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1109
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr Ser
1 5 10 15

Ala

<210> 1110
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1110
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr Ser
1 5 10 15

Leu

<210> 1111
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1111
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr Ser
1 5 10 15

Leu Pro

<210> 1112
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1112
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1 5 10 15

Thr

<210> 1113
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1113
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1 5 10 15

Thr Pro

<210> 1114
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<223> N-term Acetic Acid

<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

Pro

<210> 1115
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<212> PRT
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<220>
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<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

Ala

<210> 1116

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peptide

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<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

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other of the two olefin groups

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residue comprising a side chain acid group to form a staple
through the 6-amino group

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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1116
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Ser
1 5 10 15

Leu

<210> 1117
<211> 18
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<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<400> 1117
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1 5 10 15

Leu Pro

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<211> 17
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1118

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1 5 10 15

Thr

<210> 1119
<211> 18
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1119
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1 5 10 15

Thr Pro

<210> 1120
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<212> PRT
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<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<400> 1120
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Ser
1 5 10 15

Pro

<210> 1121
<211> 15
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<220>
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<220>
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<220>
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<223> (R)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
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<223> 2-amino-2-methylpropanoic acid

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (15)..(15)
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<220>
<223> C-term amino

<400> 1121
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1 5 10 15

<210> 1122
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> 2-amino-2-(but-3-en-1-yl)hex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
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<220>
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<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1122
Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10

<210> 1123
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1123
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1124
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(hex-5-en-1-yl)oct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1124
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1125
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(but-3-en-1-yl)hex-5-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((hex-5-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1125
Asp Ala Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10

<210> 1126
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1126
Asp Ala Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1   5   10

<210> 1127
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(hex-5-en-1-yl)oct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1127
Asp Ala Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10

<210> 1128
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1128
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1129
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1129
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1130
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1130
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1131
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1131
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1132
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1132
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1133
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1133
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1134
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1134
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1135
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the

other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1135
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1136
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1136
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1137
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1137
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1138

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1138
Xaa Asp Leu Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1139
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1139
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1140
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1140
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1141
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1141
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1142
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1142
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 1143
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1143
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1144
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 1 of 1,3-dimethylbenzene, useful for stapling/stapled with another thiol through the methyl at position 3 of 1,3-dimethylbenzene

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1144
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ser
1 5 10 15

<210> 1145
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to the methyl at position 2 of 2,6-dimethylpyridine, useful for stapling/stapled with another thiol through the methyl position 6 of 2,6-dimethylpyridine

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1145
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ser
1 5 10 15

<210> 1146
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of butane, useful for stapling/stapled with another thiol through position 4 of butane

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1146
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ser
1 5 10 15

<210> 1147
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cysteine, sulfur bonded to position 1 of propane, useful for
stapling/stapled with another thiol through position 3 of
propane

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<223> C-term amino

<400> 1147
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Cys Xaa Xaa Xaa Cys Ser
1 5 10 15

<210> 1148
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 1148
Xaa Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1149
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-methylpyrrolidine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1149
Xaa Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1150
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-1-(1-(2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-hexadecaoxanonatetracontan-49-yl)-1H-1,2,3-triazol-4-yl)-4,4-bis(((1-(2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47-

<220>
<221> MOD_RES
<222> (18)..(18)
<223> CONT. FROM ABOVE hexadecaoxanonatetracontan-49-yl)-1H-1,2,3-triazol-4-yl)methoxy)methyl)-27-amino-6,21-dioxo-2,9,12,15,18-pentaoxa-5,22-diazaoctacosan-28-oic acid

<220>
<223> C-term amino

<400> 1150
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1151
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-1-(1-(2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59,62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107-hexatriacontaoxanonahectan-109-yl)-1H-1,2,3-triazol-4-yl)-4,4-bis(((1-(2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59,

<220>
<221> MOD_RES
<222> (18)..(18)
<223> CONT. FROM ABOVE 62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107-hexatriacontaoxanonahectan-109-yl)-1H-1,2,3-triazol-4-yl)methoxy)methyl)-27-amino-6,21-dioxo-2,9,12,15,18-pentaoxa-5,22-diazaoctacosan-28-oic acid

<220>
<223> C-term amino

<400> 1151
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1152
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1152
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1153
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1153
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1154

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1154
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1155
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1155
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1156
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1156
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 1157
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1157
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1158
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

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<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1158
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1159
<211> 14
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<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the
other of the two olefin groups

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1159
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1160
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1160
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1161
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1161
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1162
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1162
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1163
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1163
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1164
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1164
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1165
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(o-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1165
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1166
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1166
Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 1167
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1167
Asp Ala Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1168
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1168
Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1169
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1169
Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1170
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1170
Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1171
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1171
Asp Phe Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1172
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1172
Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1173
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1173
Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1174
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1174
Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1175
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1175
Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1176
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1176
Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1177
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term (R)-2-methyl-2-(2-oxopyrrolidin-1-yl)pent-4-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (3)..(3)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1177
Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1178
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term propionic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1178
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1179
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term butyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1179
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1180
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term isobutyric acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1180
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1181
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopropanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1181
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 1182
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclobutanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1182
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1183
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopentanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1183
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1184
<211> 14

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term tetrahydro-2H-pyran-4-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1184
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1185
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term propionic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1185
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1186
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term butyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1186
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1187
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term isobutyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1187
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1188
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopropanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1188
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1189
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclobutanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1189
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1190
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopentanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1190
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1191
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term tetrahydro-2H-pyran-4-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1191
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu

1 5 10

<210> 1192
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term propionic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1192
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1193
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term butyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1193
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1194
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term cyclopropanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1194
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1195
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclobutanecarboxylic acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1195
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1196
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopentanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1196
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1197
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term tetrahydro-2H-pyran-4-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1197
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1198
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1198
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Phe Glu
1   5   10

<210> 1199
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1199
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1200
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)

<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1200
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 1201
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(4-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1201
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1202
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(m-tolyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1202
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1203
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(2-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1203

Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1204
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1204
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1205
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(4-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1205
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1206
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1206
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1207
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(4-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1207
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 1208
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(2-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1208
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1209
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-bromophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1209
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1210
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1210
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1211
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(4-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1211
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1212
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1212
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1213
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>

<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1213
Xaa Pro Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1214
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (4)..(4)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1214
Xaa Val Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1215
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1215
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1216
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1216
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1217
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1217
Xaa Pro Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1218
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (5)..(5)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1218
Xaa Val Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1219
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1219
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1220
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1220
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1221
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1221
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1222
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>

<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1222
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1223
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1223
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1224
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1224
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Lys
1 5 10 15

<210> 1225
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1225
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1226
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1226
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1227
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1227
Xaa Asp Xaa Xaa Asn Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1228
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1228
Xaa Asp Xaa Xaa Thr Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1229
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1229
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1230
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1230
Xaa Asp Xaa Xaa Asp Xaa Thr Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1231
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1231
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1232
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (2)..(2)
<223> L-allothreonine

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1232
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1233
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1233
Xaa Asp Xaa Xaa Asn Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1234
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1234
Xaa Asp Xaa Xaa Thr Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1235
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1235
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1236
<211> 15
<212> PRT
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<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-chlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1236
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu
1 5 10 15

<210> 1237
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1237
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1238
<211> 15
<212> PRT
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<220>
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peptide

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
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<220>

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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1238
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1 5 10 15

<210> 1239
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1239
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 1240
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<220>
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<220>
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<220>
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<220>
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<222> (3)..(3)
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1240
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1241
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1241
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu
1 5 10 15

<210> 1242
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 1242
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1243
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)

<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-fluorophenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1243
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1 5 10

<210> 1244
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1244
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu
1 5 10 15

<210> 1245
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3-cyclohexylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1245

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1 5 10 15

<210> 1246
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (4)..(4)
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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1246
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
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<210> 1247
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1247
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1 5 10 15

<210> 1248
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1248
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1249
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
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<222> (6)..(6)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1249
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<210> 1250
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<220>

<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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1 5 10 15

<210> 1251
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(2-(2-(imidazo[1,2-a]pyridin-2-yl)acetamido)phenyl) propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1251
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1252
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(2-(pyridin-3-yl)acetamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1252
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1253
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(1-(pyridin-2-yl)cyclopropane-1-carboxamido) phenyl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1253
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1254
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1254
Xaa Asp Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1255
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1255
Xaa Asp Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1256
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1256
Xaa Asp Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1257
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1257
Xaa Asp Asp Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1258
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 1258
Xaa Glu Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1259
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)

<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1259
Xaa Glu Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1260
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES

<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1260
Xaa Glu Asp Xaa Xaa Glu Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1261
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1261
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1262
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1262
Xaa Ser Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1263
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1263
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1264
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1264
Xaa Asp Xaa Xaa Ser Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1265
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1265
Xaa Asp Xaa Xaa Thr Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1266
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1266
Xaa Asp Xaa Xaa Thr Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1267
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (5)..(5)

<223> L-homoserine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1267
Xaa Asp Xaa Xaa Ser Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1268
<211> 14

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> L-allothreonine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES

<222> (9)..(9)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1268
Xaa Thr Xaa Xaa Asp Xaa Xaa Ala Xaa Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1269
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1269
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1270
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1270
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1271
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1271
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1272
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-2-aminohexanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1272
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1273
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1273
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1274
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (4)..(4)

<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 1274
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1275
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)

<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1275
Xaa Pro Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1276
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES

<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1276
Xaa Pro Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1277
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1277
Xaa Pro Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1278
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1278
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 1279
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1279
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1280
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1280
Xaa Asp Leu Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1281
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1281
Xaa Asp Leu Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1282
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1282
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 1283
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-119-amino-113-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59,62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107,110-heptatriacontaoxa-114-azaicosahectan-120-oic acid

<220>
<223> C-term amino

<400> 1283
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Xaa
1 5 10 15

<210> 1284
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
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<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
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Xaa

<210> 1285
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-119-amino-113-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59,62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107,110-heptatriacontaoxa-114-azaicosahectan-120-oic acid

<220>
<223> C-term amino

<400> 1285
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala

1 5 10 15

Xaa

<210> 1286
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<400> 1286
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Ala Xaa

<210> 1287
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
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<223> (S)-119-amino-113-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59,62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107,110-heptatriacontaoxa-114-azaicosahectan-120-oic acid

<400> 1287
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1 5 10 15

Ala Xaa

<210> 1288
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
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<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (18)..(18)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<400> 1288
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1 5 10 15

Ala Xaa

<210> 1289
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<222> (18)..(18)
<223> (S)-119-amino-113-oxo-2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50,53,56,59,62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107,110-heptatriacontaoxa-114-azaicosahectan-120-oic acid

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1 5 10 15

Ala Xaa

<210> 1290
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term OH

<400> 1290
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
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<210> 1291
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term butyric acid

<220>

<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1291
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1292
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1292
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1 5 10

<210> 1293
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term cyclopropanecarboxylic acid

<220>
<221> MOD_RES
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stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1293
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1294
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclobutanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1294
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1295
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopentanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1295
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1296

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-phenylacetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1296
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1297
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2,2,2-trifluoroacetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1297
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1298
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-(quinolin-6-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1298
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 1299
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<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term 2-(1H-1,2,4-triazol-1-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1299
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1 5 10

<210> 1300
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)

<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1300
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1301
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 1-(pyridin-2-yl)cyclopropane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1301
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1302
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term 4-(pyridin-2-yl)butanoic acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1302
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1303
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pyrazine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1303
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1304
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term butyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1304
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1305
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 3-methylbutanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1305
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1306
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopropanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1306
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1307
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclobutanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1307
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1308
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term cyclopentanecarboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)

<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1308
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1309
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-phenylacetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1309
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu

1 5 10

<210> 1310
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2,2,2-trifluoroacetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1310
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1311
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-(quinolin-6-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1311
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1312
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-(1H-1,2,4-triazol-1-yl)acetic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1312
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1313
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 1-(pyridin-2-yl)cyclopropane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1313
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1314
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 4-(pyridin-2-yl)butanoic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1314
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10

<210> 1315
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term pyrazine-2-carboxylic acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1315
Xaa Asn Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 1316
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-aminophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1316
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1317
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-(2-(2-(1H-1,2,4-triazol-1-yl)acetamido)phenyl)-2-aminopropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1317
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1318
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-(2-(3-(1H-1,2,4-triazol-1-yl)propanamido)phenyl)-2-aminopropanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1318
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1319
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(2-(quinolin-6-yl)acetamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1319
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1320
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(2-(pyridin-2-yl)acetamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1320
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1321
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1321
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1322
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(3-(pyridin-3-yl)propanamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1322
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1323
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(3-(pyridin-4-yl)propanamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1323
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1324
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(3-methoxypropanamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1324
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1325
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(3-phenoxypropanamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1325
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1326
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(3-methoxy-2,2-dimethylpropanamido)phenyl) propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1326
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1327
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(2-(dimethylamino)acetamido)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1327
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1328
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(3-(dimethylamino)propanamido)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1328
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1 5 10 15

<210> 1329
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1329
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1330
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(2-(imidazo[1,2-a]pyridin-3-yl)acetamido)phenyl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1330
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1 5 10 15

<210> 1331
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

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<220>
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<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-

carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (12)..(12)
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1331
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1332
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1332
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1333
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1333
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1 5 10 15

<210> 1334
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

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<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(pyrazine-2-carboxamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1334
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1335
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(pyrimidine-5-carboxamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1335
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1336
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1336
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1337
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term methanamine

<400> 1337

Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1338
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1338
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 1339
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1339
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1   5   10

<210> 1340
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another
amino acid residue comprising a side chain acid group to form a
staple through the side chain amino group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term methanamine

<400> 1340
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1341
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> N6-methyl-L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the side chain amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1341
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 1342
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(3-fluoropicolinamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1342
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1343
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)

<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(4-fluoronicotinamido)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1343
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1344
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1344
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1   5   10

<210> 1345
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

<220>
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<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1345
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1 5 10 15

<210> 1346
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (7)..(7)
<223> 1-aminocyclopentane-1-carboxylic acid

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(2-(trifluoromethyl)phenyl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
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<220>
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<220>
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<220>
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<220>
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<220>
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<220>
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<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<220>
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<220>
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1 5 10 15

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<220>
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<220>
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<220>
<223> C-term amino

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<220>
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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
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<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

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<220>
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<220>
<223> N-term Acetic Acid

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<220>
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<223> 2-amino-2-methylpropanoic acid

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<222> (10)..(10)
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<220>
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<223> D-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<210> 1356
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<220>
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<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1356
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Glu
1 5 10

<210> 1357
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term methanamine

<400> 1357
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Glu
1 5 10

<210> 1358
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2,5-diaminopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 5-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1358
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 1359
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1359
Xaa Val Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1360
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)

<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1360
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1361
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other

of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1361
Xaa Leu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1362
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> N5,N5-dimethyl-L-glutamine

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1362
Xaa Asp Ile Xaa Asp Gln Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 1363
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-18-amino-2,12-dioxo-6,9-dioxa-3,13-diazanonadecan-19-oic acid

<220>
<223> C-term amino

<400> 1363
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1364
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-36-amino-2,30-dioxo-6,9,12,15,18,21,24,27-octaoxa-3,31-diazaheptatriacontan-37-oic acid

<220>
<223> C-term amino

<400> 1364
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1365
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-2-amino-8,18-dioxo-11,14-dioxa-7,17-diazapentacosanoic acid

<220>
<223> C-term amino

<400> 1365
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1366
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)

<223> (S)-2-amino-8,36-dioxo-11,14,17,20,23,26,29,32-octaoxa-7,35-diazatritetracontanoic acid

<220>
<223> C-term amino

<400> 1366
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1367
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-2-amino-8,18-dioxo-11,14-dioxa-7,17-diazapentatriacontanoic acid

<220>
<223> C-term amino

<400> 1367
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1368
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-2-amino-8,36-dioxo-11,14,17,20,23,26,29,32-octaoxa-7,35-diazatripentacontanoic acid

<220>
<223> C-term amino

<400> 1368
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1369
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(3-aminopropyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 1369
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1 5 10

<210> 1370
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(3-aminopropyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1370
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1 5 10

<210> 1371
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(3-aminopropyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1371
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Val Xaa Phe Xaa Glu
1 5 10

<210> 1372
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(4-aminobutyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1372
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1 5 10

<210> 1373
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES

<222> (7)..(7)
<223> N5-(4-aminobutyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1373
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1 5 10

<210> 1374
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(4-aminobutyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1374
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Val Xaa Phe Xaa Glu
1 5 10

<210> 1375

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(3-(methylamino)propyl)-L-glutamine, useful for
stapling/stapled with another amino acid residue comprising a
side chain acid group to form a staple through the amino group
in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1375
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1 5 10

<210> 1376
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(3-(methylamino)propyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1376
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1   5   10

<210> 1377
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(3-(methylamino)propyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1377
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Val Xaa Phe Xaa Glu
1 5 10

<210> 1378
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(3-(methylamino)propyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1378
Xaa Asp Ile Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1379
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(3-(methylamino)propyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1379
Xaa Asp Ile Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1   5   10

<210> 1380
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(3-(methylamino)propyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1380
Xaa Asp Ile Xaa Asp Xaa Glu Ala Phe Val Xaa Phe Xaa Xaa
1 5 10

<210> 1381
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-3-((carboxymethyl)(2,2,2-trifluoroethyl)amino) propanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1381
Xaa Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1382

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1382
Xaa Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1383
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a

staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1383
Xaa Thr Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1384
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1384
Xaa Phe Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1385
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>

<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((S)-3-methylhept-6-enoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1385
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1386
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((R)-3-methylhept-6-enoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1386
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1387
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((1r,4S)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1387
Xaa Asp Ile Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1 5 10

<210> 1388
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((S)-3-isopropylhept-6-enoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1388

Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1389
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((S)-3-isopropylhept-6-enoyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1389
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Xaa Xaa Ala Ala
1 5 10 15

<210> 1390
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1390
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Thr Ala
1 5 10 15

Xaa

<210> 1391
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1391
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Glu
1 5 10 15

Xaa

<210> 1392
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1392
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val Thr
1 5 10 15

Xaa

<210> 1393
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1393
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Leu Ser
1 5 10 15

Xaa

<210> 1394
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-4,4-dimethylpentanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-32-amino-26-oxo-2,5,8,11,14,17,20,23-octaoxa-27-azatritriacontan-33-oic acid

<220>
<223> C-term amino

<400> 1394
Xaa Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Xaa Ser
1 5 10 15

Xaa

<210> 1395

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(4-(methylamino)butyl)-L-glutamine, useful for
stapling/stapled with another amino acid residue comprising a
side chain acid group to form a staple through the amino group
in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1395
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1 5 10

<210> 1396
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(4-(methylamino)butyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1396
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1 5 10

<210> 1397
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-(4-(methylamino)butyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1397
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Val Xaa Phe Xaa Glu
1 5 10

<210> 1398
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(4-(methylamino)butyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1398
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1399
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(4-(methylamino)butyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1399
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1   5   10

<210> 1400
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(4-(methylamino)butyl)-L-glutamine, useful for
stapling/stapled with another amino acid residue comprising a
side chain acid group to form a staple through the amino group
in the side chain

<220>
<223> C-term amino

<400> 1400
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Val Xaa Phe Xaa Xaa
1 5 10

<210> 1401
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(5-aminopentyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1401
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1402
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(5-aminopentyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1402
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa

1 5 10

<210> 1403
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(5-aminopentyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1403
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Val Xaa Phe Xaa Xaa
1 5 10

<210> 1404
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(6-aminohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1404
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1405
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(6-aminohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1405
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1   5   10

<210> 1406
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino
acid residue comprising a side chain amino group to form a
staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-(6-aminohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1406
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Val Xaa Phe Xaa Xaa
1 5 10

<210> 1407
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-((1r,4S)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1407
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1   5   10

<210> 1408
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-((1r,4S)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1408
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Val Xaa Phe Xaa Glu
1 5 10

<210> 1409
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((1r,4S)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1409
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1410
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)

<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((1r,4S)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1410
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1 5 10

<210> 1411
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)

<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((1r,4S)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1411
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Val Xaa Phe Xaa Xaa
1 5 10

<210> 1412
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1412
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1413
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1413
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Pro
1 5 10 15

<210> 1414
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-proline

<220>
<223> C-term amino

<400> 1414
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Pro
1 5 10 15

<210> 1415
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1415
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Ser
1 5 10 15

<210> 1416
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1416
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Val
1 5 10 15

<210> 1417
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-valine

<220>
<223> C-term amino

<400> 1417
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Phe Xaa Glu Val
1 5 10 15

<210> 1418
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1418
Xaa Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1419
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1419
Xaa Asp Xaa Xaa Asp Xaa Val Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1420
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1420
Xaa Asp Xaa Xaa Asp Xaa Thr Ala Phe Lys Xaa Phe Xaa Glu
1 5 10

<210> 1421
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-proline

<220>
<223> C-term amino

<400> 1421
Xaa Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Phe Xaa Glu Pro
1 5 10 15

<210> 1422
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-proline

<220>
<223> C-term amino

<400> 1422
Xaa Asp Xaa Xaa Asp Xaa Val Ala Phe Lys Xaa Phe Xaa Glu Pro
1 5 10 15

<210> 1423
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
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peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-proline

<220>
<223> C-term amino

<400> 1423
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1 5 10 15

<210> 1424
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 1424
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Xaa
1   5   10

<210> 1425
<211> 14

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1425
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Ser
1 5 10

<210> 1426
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 1426
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Ser Xaa Phe Xaa Xaa
1 5 10

<210> 1427
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-5-(1H-1,2,3-triazol-1-yl)pentanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1427
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Xaa Xaa Phe Xaa Ser
1 5 10

<210> 1428
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(1H-1,2,3-triazol-1-yl)pentanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 1428
Xaa Asp Ile Xaa Asp Xaa Xaa Ala Phe Ser Xaa Phe Xaa Xaa
1 5 10

<210> 1429
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through

the terminal methyl group

<220>
<223> C-term amino

<400> 1429
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Xaa Xaa Phe Xaa Ala
1 5 10

<210> 1430
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-alanine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through

the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 1430
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Ala Xaa Phe Xaa Xaa
1 5 10

<210> 1431
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1431
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Xaa Xaa Phe Xaa Ser
1   5   10

<210> 1432
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> O-methyl-L-serine, useful for stapling/stapled with another
amino acid residue comprising a triazolyl group to form a staple
through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-6-(1H-1,2,3-triazol-1-yl)hexanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 1432
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Ser Xaa Phe Xaa Xaa
1 5 10

<210> 1433
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> (S)-2-amino-5-(1H-1,2,3-triazol-1-yl)pentanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<223> C-term amino

<400> 1433
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Xaa Xaa Phe Xaa Ser
1 5 10

<210> 1434
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> O-methyl-L-serine, useful for stapling/stapled with another amino acid residue comprising a triazolyl group to form a staple through the terminal methyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(1H-1,2,3-triazol-1-yl)pentanoic acid, useful for stapling/stapled with another amino acid residue to form a staple through the 4-position of the triazolyl group

<220>
<223> C-term amino

<400> 1434
Xaa Asp Ile Xaa Asp Xaa Ala Ala Phe Ser Xaa Phe Xaa Xaa
1   5   10

<210> 1435
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1435
Xaa Asp Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1436
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1436
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1 5 10 15

<210> 1437
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> N6-acetyl-L-lysine

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
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<220>
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<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1437

Xaa Lys Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1438
<211> 15
<212> PRT
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<220>
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<220>
<223> N-term Acetic Acid

<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1438
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1 5 10 15

<210> 1439
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
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<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1439
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1 5 10 15

<210> 1440
<211> 15
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<220>
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<220>
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<220>
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<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1440
Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1441
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1441
Xaa Asp Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1442
<211> 15
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<213> Artificial Sequence

<220>
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<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)

<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1442
Xaa Glu Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1443
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<223> N6-acetyl-L-lysine

<220>
<221> MOD_RES
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<220>
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<220>
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1443
Xaa Lys Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1444
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
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<220>
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<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
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<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
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<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1444
Xaa Leu Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1445
<211> 15
<212> PRT
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<220>
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<220>
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin

groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
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<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
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<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
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<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

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<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1445

Xaa Xaa Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1446
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1446
Xaa Ala Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1447
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1447
Pro Xaa Ala Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1448
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1448
Pro Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1449
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1449
Pro Xaa Glu Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1450
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid

residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1450
Pro Xaa Glu Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1451
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)

<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 1451
Pro Xaa Ala Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1452
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1452
Pro Xaa Ala Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1453
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (5)..(5)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1453
Pro Xaa Val Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1454
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1454
Pro Xaa Val Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1455
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1455

Pro Xaa Val Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1456
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>

<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1456
Pro Xaa Leu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1457
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1457
Pro Xaa Leu Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1458
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple

through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1458
Pro Xaa Leu Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1459
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for

stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-((1s,4R)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1459
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1 5 10

<210> 1460
<211> 14
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> N5-((1s,4R)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for
stapling/stapled with another amino acid residue comprising a
side chain acid group to form a staple through the amino group
in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-
carboxylic acid, useful for stapling/stapled with another amino
acid residue comprising an olefin group to form a staple through
the olefin group

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1460
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1 5 10

<210> 1461
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES

<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((1s,4R)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1461
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1462
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES

<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> N5-((1s,4R)-4-(aminomethyl)cyclohexyl)-L-glutamine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1462
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1 5 10

<210> 1463
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-(2-amino-7-azaspiro[3.5]nonan-7-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>

<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1463
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1 5 10

<210> 1464
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(2-amino-7-azaspiro[3.5]nonan-7-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1464
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1   5   10

<210> 1465
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>

<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(2-amino-7-azaspiro[3.5]nonan-7-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1465
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1 5 10

<210> 1466
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-(4-(azetidin-3-yl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1466
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1 5 10

<210> 1467
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an

olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-(4-(azetidin-3-yl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1467
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu

1 5 10

<210> 1468
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(4-(azetidin-3-yl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1468
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1469
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES

<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(4-(azetidin-3-yl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1469
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1 5 10

<210> 1470
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1470
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 1471
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1471
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Trp Xaa Glu Ala
1 5 10 15

<210> 1472
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1472
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1473
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<222> (6)..(6)

<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(5-chloro-1H-indol-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1473
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1474
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-2-amino-3-(6-chloro-1H-indol-3-yl)propanoic acid

<220>
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<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1474
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1475
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
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<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1475
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Ala
1 5 10 15

<210> 1476
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1476
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Trp Xaa Glu Ala
1 5 10 15

<210> 1477
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1477
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1478
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(5-chloro-1H-indol-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1478
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1479
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
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<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(6-chloro-1H-indol-3-yl)propanoic acid

<220>
<221> MOD_RES
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<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1479
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Ala
1 5 10 15

<210> 1480
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-1-((3r,5r,7r)-adamantan-1-yl)-17-amino-1,11-dioxo-5,8-dioxa-2,12-diazaoctadecan-18-oic acid

<220>
<223> C-term amino

<400> 1480
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1481
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (S)-1-((3r,5r,7r)-adamantan-1-yl)-35-amino-1,29-dioxo-5,8,11,14,17,20,23,26-octaoxa-2,30-diazahexatriacontan-36-oic acid

<220>
<223> C-term amino

<400> 1481
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1482
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (2R,21S)-21-amino-2-((3R,5R,8R,9S,10S,13R,14S,17R)-3-hydroxy-10,13-dimethylhexadecahydro-1H-cyclopenta[a]phenanthren-17-yl)-5,

15-dioxo-9,12-dioxa-6,16-diazadocosan-22-oic acid

<220>
<223> C-term amino

<400> 1482
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1483
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (3)..(3)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>

<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (17)..(17)
<223> (2R,39S)-39-amino-2-((3R,5R,8R,9S,10S,13R,14S,17R)-3-hydroxy-10,13-dimethylhexadecahydro-1H-cyclopenta[a]phenanthren-17-yl)-5,33-dioxo-9,12,15,18,21,24,27,30-octaoxa-6,34-diazatetracontan-40-oic acid

<220>
<223> C-term amino

<400> 1483
Xaa Asp Xaa Xaa Asp Xaa Ala Ala Phe Lys Xaa Xaa Xaa Glu Ala Ala
1 5 10 15

Xaa

<210> 1484
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-5-([4,4'-bipiperidin]-1-yl)-2-amino-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino

acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1484
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Leu Xaa Phe Xaa Glu
1 5 10

<210> 1485
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)

<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-5-([4,4'-bipiperidin]-1-yl)-2-amino-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1485
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1 5 10

<210> 1486
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-2-amino-5-(4-(2-aminoethyl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1486
Xaa Asp Leu Xaa Asp Xaa Xaa Ala Phe Ala Xaa Phe Xaa Glu
1 5 10

<210> 1487
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino

acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(4-(2-aminoethyl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1487
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Leu Xaa Phe Xaa Xaa
1 5 10

<210> 1488
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(4-(2-aminoethyl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1488
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Val Xaa Phe Xaa Xaa
1   5   10

<210> 1489

<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (R)-2-allylpyrrolidine-2-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (4)..(4)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (6)..(6)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<221> MOD_RES
<222> (11)..(11)
<223> (S)-3-amino-1-((pent-4-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-5-(4-(2-aminoethyl)piperidin-1-yl)-5-oxopentanoic acid, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the amino group in the side chain

<220>
<223> C-term amino

<400> 1489
Xaa Asp Leu Xaa Asp Xaa Glu Ala Phe Ala Xaa Phe Xaa Xaa
1 5 10

<210> 1490
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>

<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1490
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1491
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for
stapling/stapled with another amino acid residue comprising an
olefin group to form a staple through one of the two olefin
groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other
of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid
residue comprising a side chain acid group to form a staple
through the 6-amino group

<220>
<221> MOD_RES

<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1491
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1492
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)

<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>

<223> C-term amino

<400> 1492
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1493
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)

<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1493
Xaa Glu Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Phe Xaa Glu
1 5 10 15

<210> 1494
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES

<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1494
Xaa Glu Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Phe Xaa Glu

1 5 10 15

<210> 1495
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1495
Xaa Glu Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1496
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>

<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1496
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Phe Xaa Glu Val
1 5 10 15

<210> 1497
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>

<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(3,4-dichlorophenyl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1497
Xaa Glu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu Val
1 5 10 15

<210> 1498
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1498
Xaa Leu Asp Val Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1499
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methylhept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1499
Xaa Leu Asp Xaa Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1500
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1500
Xaa Leu Asp Val Xaa Asp Xaa Leu Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1501
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1501
Xaa Leu Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1502
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (S)-2-amino-3,3-diphenylpropanoic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (5)..(5)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (7)..(7)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through

the olefin group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1502
Xaa Leu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15

<210> 1503
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1503
Pro Xaa Leu Asp Val Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu

1 5 10 15

<210> 1504
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term Acetic Acid

<220>
<221> MOD_RES
<222> (2)..(2)
<223> (S)-2-amino-2-methyloct-7-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (5)..(5)
<223> (S)-2-amino-2-cyclohexylacetic acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 2-amino-2-(pent-4-en-1-yl)hept-6-enoic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through one of the two olefin groups and/or with another amino acid residue comprising an

<220>
<221> MOD_RES
<222> (6)..(6)
<223> CONT. FROM ABOVE olefin group to form a staple through the other of the two olefin groups

<220>
<221> MOD_RES
<222> (8)..(8)
<223> (S)-3-(2-amino-2-carboxyethyl)benzoic acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-amino-2-methylpropanoic acid

<220>
<221> MOD_RES

<222> (12)..(12)
<223> L-lysine, useful for stapling/stapled with another amino acid residue comprising a side chain acid group to form a staple through the 6-amino group

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (S)-3-amino-1-((but-3-en-1-yloxy)carbonyl)pyrrolidine-3-carboxylic acid, useful for stapling/stapled with another amino acid residue comprising an olefin group to form a staple through the olefin group

<220>
<221> MOD_RES
<222> (14)..(14)
<223> (S)-2-amino-3-(thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (15)..(15)
<223> (S)-2-amino-3-(benzo[b]thiophen-3-yl)propanoic acid

<220>
<221> MOD_RES
<222> (16)..(16)
<223> L-glutamic acid, useful for stapling/stapled with another amino acid residue comprising a side chain amino group to form a staple through the 4-carboxyl group

<220>
<223> C-term amino

<400> 1504
Pro Xaa Leu Asp Xaa Xaa Asp Xaa Xaa Ala Phe Lys Xaa Xaa Xaa Glu
1 5 10 15