

SEQUENCE LISTING

<110> PROTAGONIST THERAPEUTICS, INC.
 <120> ALPHA-4-BETA-7 INTEGRIN THIOETHER PEPTIDE ANTAGONISTS
 <130> PRTH-010/02WO
 <140> PCT/US2015/031243
 <141> 2015-05-05
 <150> 62/058,501
 <151> 2014-10-01
 <150> 62/058,499
 <151> 2014-10-01
 <150> 61/994,717
 <151> 2014-05-16
 <150> 61/994,699
 <151> 2014-05-16
 <160> 393
 <170> PatentIn version 3.5
 <210> 1
 <211> 14
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic peptide
 <220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Absent, any naturally occurring amino acid, suitable isosteres, or corresponding D-amino acids
 <220>
 <221> misc_feature
 <222> (1)..(4)
 <223> Optional Acetylation
 <220>
 <221> misc_feature
 <222> (3)..(3)
 <223> Optional N(alpha)Methylation
 <220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> Modified Ser or HSer (modified to have one or two carbons for forming thioether bond with Xaa at pos. 10), suitable isosteres, D-amino acids or aliphatic acid having from one to three carbons,
 <220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> Continued from above; or five- or six-member alicyclic acid with modified 2-methyl groups
 <220>
 <221> misc_feature

<222> (5)..(5)
 <223> Optional N(alpha)Methylation

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> Arg, HArg, 4-Guan, Cit, Cav, Dap, Dab, suitable isosteres,
 Arg-Me-sym or Arg-Me-asym

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Ser, Gly or suitable isosteres

<220>
 <221> misc_feature
 <222> (7)..(9)
 <223> Optional N(alpha)Methylation

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp, D-Asp, Asp(OMe) or suitable isosteres for Asp

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg,
 Asn, Glu, Val, Tyr, Trp, Leu or Met

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu,
 n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala
 or suitable isosteres

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Cys, D-Cys, HCys, Pen or D-Pen

<220>
 <221> misc_feature
 <222> (11)..(14)
 <223> Optional Acetylation

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Absent, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys,
 Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal,
 D-1-Nal, D-2-Nal, HPhe, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap,
 Dab, Dab(Ac), Orn, D-Orn, D-Dap, D-Dab, Bip, Ala(3,3diphenyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; D-Phe, aromatic ring substituted Phe,
 aromatic ring substituted Trp, aromatic ring substituted His,
 hetero aromatic amino acids, 4-Me-Phe, corresponding D-amino
 acids or suitable isosteres

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Absent, Glu, Lys, Gln, Pro, Gly, His, Ala, Ile, Phe, Arg,
 Leu, Val, Tyr, Trp, Met, Gla, Ser, Asn, D-Glu, Beta-HGlu,

2-Nal, 1-Nal, D-Asp, Bip, Beta-HPhe, Beta-Glu, D-Tyr, D-Lys,
D-Phe, Dap, Dab, Orn, D-Dap, D-Dap, suitable isosteres

<220>
<221> MOD_RES
<222> (12)..(12)
<223> continued from above; or D-amino acids

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val,
Tyr, Trp, Met, Glu, Ser, Asn, Gla, Dap, Dab, Orn, D-Orn, D-Lys,
D-N-Me-Lys, D-Dap, D-Dab, COOH, CONH2, suitable isosteres or
corresponding D-amino acids

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val,
Tyr, Trp, Met, Glu, Ser, Asn, Gla, Dap, Dab, Orn, D-Orn, D-Lys,
D-N-Me-Lys, D-Dap, D-Dab, suitable isosteres, corresponding
D-amino acids or corresponding N-Methyl amino acids

<400> 1
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 2
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Aromatic acid group, 2-methylbenzoyl, propionyl,
isobutyryl, acetyl or butyryl forming a thioether bond
with Xaa at position 7

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Arg, HArg, 4-Guan, Cit, Cav, Dap, Dab, suitable isosteres,
N-Me-Arg, Arg-Me-sym or Arg-Me-asy

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Ser, Gly or suitable isosteres

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Asp, D-Asp, Asp(OMe) or and suitable isosteres for Asp

<220>
<221> misc_feature
<222> (3)..(5)
<223> Optional N(alpha)Methylation

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

<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu or Met

<220>

<221> MOD_RES

<222> (5)..(5)

<223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala or suitable isosteres

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Cys, D-Cys, HCys, Pen or D-Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Absent, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys, Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, D-1-Nal, D-2-Nal, HPhe, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(Ac), Orn, D-Orn, D-Dap, D-Dab, Bip, Ala(3,3diphenyl),

<220>

<221> MOD_RES

<222> (7)..(7)

<223> continued from above; D-Phe, D-Tyr, aromatic ring substituted Phe, aromatic ring substituted Trp, aromatic ring substituted His, hetero aromatic amino acids, 4-Me-Phe or corresponding D-amino acids

<220>

<221> misc_feature

<222> (7)..(9)

<223> Optional N(alpha)Methylation

<220>

<221> misc_feature

<222> (7)..(9)

<223> Optional Acetylation

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Absent, Glu, Lys, Gln, Pro, Gly, His, Ala, Ile, Phe, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, D-Glu, Beta-HGlu, 2-Nal, 1-Nal, D-Asp, Bip, Beta-HPhe, Beta-Glu, D-Tyr, D-Lys, D-Phe, Dap, Dab, Orn, D-Dap, D-Dap,

<220>

<221> MOD_RES

<222> (8)..(8)

<223> continued from above; suitable isosteres or D-amino acids

<220>

<221> MOD_RES

<222> (9)..(9)

<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<220>

<221> MOD_RES

<222> (10)..(10)

<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, D-N-Me-Lys, D-Dap, D-Dab, suitable isosteres,

corresponding D-amino acids or corresponding N-Methyl amino acids

<400> 2
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 3
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Aromatic acid group, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (1)..(7)
<223> Thioether bond between position 1 and Cys at position 7

<220>
<221> misc_feature
<222> (2)..(2)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (5)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(9)
<223> Any naturally occurring amino acid

<400> 3
Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa
1 5

<210> 4
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Aromatic acid group, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (1)..(7)
<223> Thioether bond between position 1 and Xaa at position 7

<220>
<221> misc_feature
<222> (2)..(2)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (5)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(9)
<223> Any naturally occurring amino acid

<400> 4
Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa
1 5

<210> 5
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 8, 2-methylbenzoyl, propionyl, isobutyryl, acetyl, butyryl

<220>
<221> misc_feature
<222> (2)..(8)
<223> Thioether bond between position 2 and Cys at position 8

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (5)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(9)
<223> Any naturally occurring amino acid

<400> 5
Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa
1 5 10

<210> 6
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group capable of forming thioether bond with xaa at position 8, 2-methylbenzoyl, propionyl, isobutyryl, acetyl, butyryl

<220>
<221> misc_feature
<222> (2)..(8)
<223> Thioether bond between position 2 and Xaa at position 8

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any naturally occurring amino acid

<220>

<221> MOD_RES
<222> (6)..(7)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(10)
<223> Any naturally occurring amino acid

<400> 6
Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 7
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Aromatic acid group, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (1)..(7)
<223> Thioether bond between position 1 and Cys at position 7

<220>
<221> misc_feature
<222> (2)..(2)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (5)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(10)
<223> Any naturally occurring amino acid

<400> 7
Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa
1 5 10

<210> 8
<211> 10
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Aromatic acid group, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>

<221> misc_feature

<222> (1)..(7)

<223> Thioether bond between position 1 and xaa at position 7

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Optional N(alpha)Methylation

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Any naturally occurring amino acid

<220>

<221> MOD_RES

<222> (5)..(6)

<223> Any naturally occurring amino acid

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(10)

<223> Any naturally occurring amino acid

<400> 8

Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 9

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Any naturally occurring amino acid

<220>

<221> misc_feature

<222> (1)..(1)

<223> Optional acetylation

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (2)..(8)
<223> Thioether bond between position 2 and Cys at position 8

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (6)..(7)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (9)..(11)
<223> Any naturally occurring amino acid

<400> 9
Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa
1 5 10

<210> 10
<211> 11
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (1)..(7)
<223> Thioether bond between position 2 and Xaa position 8

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (6)..(7)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(10)
<223> Any naturally occurring amino acid

<400> 10
Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 11
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(2)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 8, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (3)..(9)
<223> Thioether bond between position 3 and Cys at position 9

<220>
<221> misc_feature
<222> (4)..(4)
<223> Optional N(alpha)methylation

<220>

<221> MOD_RES
<222> (5)..(5)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (10)..(12)
<223> Any naturally occurring amino acid

<400> 11
Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa
1 5 10

<210> 12
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(2)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 9, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (3)..(9)
<223> Thioether bond between position 3 and Xaa at position 9

<220>
<221> misc_feature
<222> (4)..(4)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES

<222> (9)..(9)

<223> Pen

<220>

<221> MOD_RES

<222> (10)..(12)

<223> Any naturally occurring amino acid

<400> 12

Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 13

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(3)

<223> Any naturally occurring amino acid

<220>

<221> misc_feature

<222> (1)..(1)

<223> Optional acetylation

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Aromatic acid group capable of forming thioether bond with xaa at position 10, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>

<221> misc_feature

<222> (4)..(10)

<223> Thioether bond between position 4 and Cys at position 10

<220>

<221> misc_feature

<222> (5)..(5)

<223> Optional N(alpha)Methylation

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Any naturally occurring amino acid

<220>

<221> MOD_RES

<222> (8)..(9)

<223> Any naturally occurring amino acid

<220>

<221> MOD_RES

<222> (11)..(13)

<223> Any naturally occurring amino acid

<400> 13

Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa
1 5 10

<210> 14
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 10, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and Xaa at position 10

<220>
<221> misc_feature
<222> (5)..(5)
<223> Optional N(alpha)Methylation

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(9)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Pen

<220>
<221> MOD_RES
<222> (11)..(13)
<223> Any naturally occurring amino acid

<400> 14
Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 15
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group capable of forming thioether bond with xaa at position 8, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (2)..(8)
<223> Thioether bond between position 2 and Cys at position 8

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)Methylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (6)..(7)
<223> Any naturally occurring amino acid

<400> 15
Xaa Xaa Arg Xaa Asp Xaa Xaa Cys
1 5

<210> 16
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 8, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (2)..(8)
<223> Thioether bond between position 2 and Cys at position 8

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)Methylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (6)..(7)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Any naturally occurring amino acid

<400> 16
Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa
1 5

<210> 17
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 8, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (2)..(8)
<223> Thioether bond between position 2 and Xaa at position 8

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)Methylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (6)..(7)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Any naturally occurring amino acid

<400> 17
Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa
1 5

<210> 18
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(2)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 9, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (3)..(9)
<223> Thioether bond between position 3 and Cys at position 9

<220>
<221> misc_feature
<222> (4)..(4)
<223> Optional N(alpha)Methylation

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Any naturally occurring amino acid

<400> 18
Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa
1 5 10

<210> 19
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(2)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional Acetylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 9, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (3)..(9)
<223> Thioether bond between position 3 and Xaa at position 9

<220>
<221> misc_feature
<222> (4)..(4)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Any naturally occurring amino acid

<220>

<221> MOD_RES
<222> (9)..(9)
<223> Pen

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Any naturally occurring amino acid

<400> 19
Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa
1 5 10

<210> 20
<211> 11
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 10, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and Cys at position 10

<220>
<221> misc_feature
<222> (5)..(5)
<223> Optional N(alpha)Methylation

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(9)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Any naturally occurring amino acid

<400> 20
Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa

1

5

10

<210> 21
 <211> 11
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> Optional Acetylation

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> Aromatic acid group capable of forming thioether bond with Xaa at position 10, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
 <221> misc_feature
 <222> (4)..(10)
 <223> Thioether bond between position 4 and Xaa at position 10

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> Optional N(alpha)methylation

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Any naturally occurring amino acid

<220>
 <221> MOD_RES
 <222> (8)..(9)
 <223> Any naturally occurring amino acid

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Pen

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Any naturally occurring amino acid

<400> 21
 Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa
 1 5 10

<210> 22
 <211> 8
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Me-Benzoyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Lys

<400> 22

Arg Ser Asp Thr Leu Xaa Trp Lys
1 5

<210> 23

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Aromatic acid group capable of forming thioether bond with xaa at position 7, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>

<221> misc_feature

<222> (1)..(7)

<223> Thioether bond between position 1 and xaa at position 7

<220>

<221> misc_feature

<222> (2)..(2)

<223> Optional N(alpha)methylation

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Leu or Nle

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Cys, Pen, HCys or D-Cys

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Trp, Phe, 1-Nal, 2-Nal, D-Phe, Tyr or Phe(CF3)

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Glu, D-Glu, Beta-HGlu, Tyr or 2-Nal

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> D-Lys, Lys, Dap, Dab, Leu, Ser, Phe, His, Gln, Tyr, D-Leu, D-Ser, D-Phe, D-Glu, D-Tyr, D-His or Glu

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> Optional N(alpha)methylation

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> Optional acetylation

<400> 23
 Xaa Arg Ser Asp Thr Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 24
 <211> 11
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> Aromatic acid group capable of forming thioether bond with xaa at position 7, 2-methylbenzoyl, propionyl, isobutyryl, acetyl or butyryl

<220>
 <221> misc_feature
 <222> (1)..(7)
 <223> Thioether bond between position 1 and xaa at position 7

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> Optional N(alpha)methylation

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Cys, Pen, HCys or D-Cys

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Trp, Phe, 1-Nal, 2-Nal, D-Phe, Tyr or Phe(CF3)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Glu, D-Glu, Beta-HGlu, Tyr or 2-Nal

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Leu, Ser, Phe, His, Gln, Tyr, D-Leu, D-Ser, D-Phe, D-Val, D-Glu,
D-Tyr, D-His, D-Glu, Glu, Asp or D-Asp

<220>
<221> MOD_RES
<222> (11)..(11)
<223> D-Lys, Lys, Dap, Dab, Leu, Ser, Phe, His, Gln, Tyr, D-Leu,
D-Ser, D-Phe, D-Glu, D-Tyr, D-His or Glu

<220>
<221> misc_feature
<222> (11)..(11)
<223> Optional N(alpha)methylation

<220>
<221> misc_feature
<222> (11)..(11)
<223> Optional acetylation

<400> 24
Xaa Arg Ser Asp Thr Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 25
<211> 11
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Aromatic acid group capable of forming thioether bond with xaa at
position 7, 2-methylbenzoyl, propionyl, ha-bromoispbutyryl,
acetyl or butyryl

<220>
<221> misc_feature
<222> (1)..(7)
<223> Thioether bond between position 1 and Cys at position 7

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (5)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(11)
<223> Any naturally occurring amino acid

<400> 25
Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa Xaa
1 5 10

<210> 26
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Aromatic acid group capable of forming thioether bond with xaa at position 7, 2-methylbenzoyl, propionyl, ha-bromoisbutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (1)..(7)
<223> Thioether bond between position 1 and Xaa at position 7

<220>
<221> misc_feature
<222> (2)..(2)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (5)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(12)
<223> Any naturally occurring amino acid

<400> 26
Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 27
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> misc_feature
<222> (2)..(8)
<223> Thioether bond between position 2 and Cys at position 8

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 8, 2-methylbenzoyl, propionyl, ha-bromoisobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (3)..(3)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (6)..(7)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (9)..(12)
<223> Any naturally occurring amino acid

<400> 27
Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa Xaa
1 5 10

<210> 28
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>

<221> misc_feature
 <222> (2)..(8)
 <223> Thioether bond between position 2 and Xaa at position 8

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aromatic acid group capable of forming thioether bond with xaa at position 8, 2-methylbenzoyl, propionyl, ha-bromoisobutyryl, acetyl or butyryl

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> Optional N(alpha)methylation

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> Any naturally occurring amino acid

<220>
 <221> MOD_RES
 <222> (6)..(7)
 <223> Any naturally occurring amino acid

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Pen

<220>
 <221> MOD_RES
 <222> (9)..(12)
 <223> Any naturally occurring amino acid

<400> 28
 Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 29
 <211> 13
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(2)
 <223> Any naturally occurring amino acid

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> Optional acetylation

<220>
 <221> MOD_RES
 <222> (3)..(3)
 <223> Aromatic acid group capable of forming thioether bond with xaa at position 9, 2-methylbenzoyl, propionyl, ha-bromoisobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (3)..(9)
<223> Thioether bond between position 3 and Cys at position 9

<220>
<221> misc_feature
<222> (4)..(4)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (10)..(13)
<223> Any naturally occurring amino acid

<400> 29
Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa Xaa
1 5 10

<210> 30
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(2)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Aromatic acid group capable of forming thioether bond with Xaa at position 9, 2-methylbenzoyl, propionyl, ha-bromoisobutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (3)..(9)
<223> Thioether bond between Xaa at position 3 and Xaa at position 9

<220>
<221> misc_feature
<222> (4)..(4)
<223> Optional N(alpha)methylation

<220>

<221> MOD_RES
<222> (5)..(5)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Pen

<220>
<221> MOD_RES
<222> (10)..(13)
<223> Any naturally occurring amino acid

<400> 30
Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

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

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

<220>
<221> MISC_FEATURE
<222> (1)..(3)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Aromatic acid group capable of forming thioether bond with xaa at position 10, 2-methylbenzoyl, propionyl, ha-bromoisbutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and Cys at position 10

<220>
<221> misc_feature
<222> (5)..(5)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES

<222> (8)..(9)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (11)..(14)
<223> Any naturally occurring amino acid

<400> 31
Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Cys Xaa Xaa Xaa Xaa
1 5 10

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

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Any naturally occurring amino acid

<220>
<221> misc_feature
<222> (1)..(1)
<223> Optional acetylation

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Aromatic acid group capable of forming thioether bond with xaa at position 10, 2-methylbenzoyl, propionyl, ha-bromoisbutyryl, acetyl or butyryl

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and xaa at position 10

<220>
<221> misc_feature
<222> (5)..(5)
<223> Optional N(alpha)methylation

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (8)..(9)
<223> Any naturally occurring amino acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Pen

<220>
<221> MOD_RES
<222> (11)..(14)

<223> Any naturally occurring amino acid

<400> 32

Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 33

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(3)

<223> Absent or any amino acid

<220>

<221> MOD_RES

<222> (4)..(4)

<223> an amino acid, aliphatic acid, alicyclic acid or modified 2-methyl aromatic acid having a side chain with one or two carbons and capable of forming a thioether bond

<220>

<221> misc_feature

<222> (4)..(10)

<223> Thioether bond between position 4 and Xaa at position 10

<220>

<221> MOD_RES

<222> (5)..(5)

<223> N(alpha)-Me-Arg, Arg, HomoArg, Dap, Dab, Arg-Me-sym, Arg-Me-asym, 4-Guan, Cit, Cav, N-Me-Lys, Phe(4-quanidino), Phe(4-carbamoyl amino), Phe(4-NH2), N-Me-HomoArg, Tyr, His or suitable isostere replacements

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Ser, Gly, Thr, Ile or suitable isostere replacements

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Asp, N-Me-Asp, Asp(OMe), D-Asp or a suitable isostere replacements

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met, HomoLeu, Nle or an N-Methyl amino acid including N-Me-Thr

<220>

<221> MOD_RES

<222> (9)..(9)

<223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala, Cpa, Aoc, N-Me-Leu or a suitable isostere replacement

<220>

<221> MOD_RES
 <222> (10)..(10)
 <223> Cys, N-Me-Cys, D-Cys, HCys, Pen, D-Pen or Pen(=O)

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Absent, or Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe (4-CH3), Phe (4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3 diPhenyl Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl)

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe(2-carbomyl), Tyr(Me), HomoPhe, N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Ser, Arg, Thr, Sar, and Ser, aromatic amino acids, substituted aromatic amino acids, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys, Trp, Tyr,

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, D-1-Nal, D-2-Nal, HPhe, D-Phe, D-Tyr, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(Ac), Orn, D-Orn, N-Me-Orn, N-Me-Dap, D-Dap, D-Dab, Bip, Ala(3,3diphenyl), Biphenyl-Ala,

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; aromatic ring substituted Phe, aromatic ring substituted Trp, aromatic ring substituted His, hetero aromatic amino acids, N-Me-Lys, N-Me-Lys(Ac), 4-Me-Phe, Phe(4tBu), Phe(4-OMe), Phe(4-COOH), Phe(2-carbomyl), Phe(3-carbomyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe(2,4-diCl), Phe(3,4-diCl), Aic, N-Me-Tyr, N-Me-Phe, Tic, Phe(4CF3), or a corresponding D-amino acid or suitable isostere replacement

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Absent, or an aromatic amino acid, a substituted aromatic amino acid, Glu, D-Glu, HomoGlu, Beta-Homo-Glu, Asp, D-HomoGlu, Pro, Gly, His, Ala, Ile, Phe, Arg, Leu, Lys, Gln, Val, Tyr, Trp, Met, Gla, Ser, Asn, D-Glu, Beta-HGlu, 2-Nal, 1-Nal, D-Asp, Bip,

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Continued from above; Beta-HPhe, Beta-Glu, D-Tyr, D-Phe, D-Lys, Dap, Dab, Orn, D-Orn, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me Lys, D-Dap, D-Dab, D-His, Phe(4-COOH), Tic, D-Trp, D-Leu, D-Arg D-Thr, a suitable isostere or a corresponding D-amino acid

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Absent or any amino acid

<220>
 <221> MOD_RES
 <222> (14)..(14)
 <223> Absent, any amino acid, or any amino acid with an amine side

chain, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, N-Me-Orn, Dab, N-Me-Dab, Dap, N-Me-Dap, Homo-Lys, D-Dap, D-Dab, D-Orn, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu,

<220>
<221> MOD_RES
<222> (14)..(14)
<223> continued from above; Asn, Gla, Cys, HomoCys, a suitable isostere, a corresponding D-amino acid or corresponding N-Methyl amino acid

<400> 33
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

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

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Absent, any naturally occurring amino acid, a suitable isostere or corresponding D-amino acids

<220>
<221> MOD_RES
<222> (4)..(4)
<223> An amino acid, aliphatic acid, alicyclic acid or modified 2-methyl aromatic acid having a side chain with one or two carbons or capable of forming a thioether bond with Xaa at position 10

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and Xaa at position 10

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N(alpha)-Me-Arg, Arg, HomoArg, Dap, Dab, Arg-Me-sym, Arg-Me-asym, 4-Guan, Cit, Cav, N-Me-Lys, Phe (4-quanidino), Phe (4-carbomyl amino), Phe(4-NH2), N-Me-Homo-Arg, Tyr and His or suitable isostere replacements

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Ser, Gly, Thr, Ile or suitable isostere replacements

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Asp, N-Me-Asp, Asp(OMe), D-Asp or a suitable isostere replacement

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn,

Glu, Val, Tyr, Trp, Leu, Met, hLeu, Nle or N-Methyl amino acids including N-Me-Thr

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HomoLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala, N-Me-Leu, Cpa, Aoc or suitable isostere replacements

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cys, N-Me-Cys, D-Cys, HomoCys, Pen, D-Pen, modified HomoSer or modified Ser

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Absent, aromatic amino acids, substituted aromatic amino acids, Tic, corresponding D-amino acids or suitable isostere replacements

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Absent, aromatic amino acids, substituted aromatic amino acids, Glu, D-Glu, homoGlu, Asp, D-Asp, D-homoGlu, Gla, beta-Homo-Glu, Tic or corresponding D-amino acids and suitable isosteres

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Gla, Dap, Dab, Orn, D-Orn, D-Lys, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-N-Me-Lys, D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Absent, any amino acid, any amino acid with an amine side chain, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, N-Me-Orn, Dab, N-Me-Dab, Dap, N-Me-Dap, Homo-Lys, D-Dap, D-Dab, D-Orn, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn,

<220>
<221> MOD_RES
<222> (14)..(14)
<223> continued from above; Gla, Cys, HomoCys, Pen, suitable isosteres, corresponding D-amino acids or corresponding N-Methyl amino acids

<400> 34
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

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

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

<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Absent or any amino acid

<220>
 <221> misc_feature
 <222> (1)..(3)
 <223> Optional acetylation

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> Cys, HomoCys, Pen, Homo-Ser-Cl, Homo-Ser or a 2-methylbenzoyl moiety

<220>
 <221> misc_feature
 <222> (4)..(10)
 <223> Thioether bond between position 4 and xaa at position 10

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N-Me-Arg, Arg, N-Me-Lys, Phe (4-quanidino), Phe(4-carboxylamino), Cit, Phe(4-NH2), N-Me-Homo-Arg, Homo-Arg, Tyr and His

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Ser, Gly, Ile or Thr

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp or D-Asp

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr, Val, Ile, Leu, hLeu and Nle

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Leu, Nle, Cpa, Cba, HomoLeu, Aoc or N-Me-Leu

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Cys, D-Cys, HomoCys, Pen, modified HomoSer or modified Ser

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Absent, aromatic amino acids or substituted aromatic amino acids

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Absent, aromatic amino acids, substituted aromatic amino acids, Glu, D-Glu, homoGlu, Asp, D-Asp, D-homoGlu, Gla, beta-Homo-Glu, and corresponding D-amino acids and suitable isosteres

<220>
 <221> MOD_RES
 <222> (13)..(13)

<223> May or may not be present

<220>

<221> MOD_RES

<222> (14)..(14)

<223> Any amino acid, any amino acid with an amine side chain, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, N-Me-Orn, Dab, N-Me-Dab, Dap, N-Me-Dap, Homo-Lys, D-Dap, D-Dab, D-Orn, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Gla,

<220>

<221> MOD_RES

<222> (14)..(14)

<223> continued from above; HomoCys, Pen, suitable isosteres, corresponding D-amino acids or corresponding N-Methyl amino acids

<400> 35

Xaa Xaa Xaa Xaa Xaa Xaa Asp Xaa Xaa Xaa Xaa Xaa Pro Xaa

1

5

10

<210> 36

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(3)

<223> Absent or any amino acid

<220>

<221> MOD_RES

<222> (4)..(4)

<223> modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>

<221> misc_feature

<222> (4)..(10)

<223> Thioether bond between position 4 and xaa at position 10

<220>

<221> MOD_RES

<222> (5)..(5)

<223> N-Me-Arg, Arg, N-Me-Lys, Phe (4-quanidino), Phe(4-carbonylamino), Cit, Phe(4-NH₂), N-Me-Homo-Arg, Homo-Arg, Tyr and His

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Ser, Gly, Thr or Ile

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Asp or D-Asp

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Thr, Val, Ile, Leu, hLeu, Nle or Val

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Leu, Nle, Cpa, Cba, HomoLeu, Aoc or N-Me-Leu

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Pen, Cys, D-Cys or HomoCys

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3 diPhenyl-Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe, Tyr(Me), HomoPhe, N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ilu, Leu, Arg or Thr

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Absent or any aromatic amino acid, Glu, D-Glu, homoGlu, Asp, D-Asp, D-homoGlu, D-Asp, Gla, beta-homo-Glu, corresponding D-amino acid or isosteres

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Absent or any amino acid

<220>
 <221> MOD_RES
 <222> (14)..(14)
 <223> Any amino acid, any amino acid with a free amino group on a side chain, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, Dab, Dap, Homo-Lys, D-Dap, D-Dab, Cys, HomoCys, Pen or D-Orn

<400> 36
 Xaa Xaa Xaa Xaa Xaa Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 37
 <211> 13
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Absent or any amino acid

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>
 <221> misc_feature
 <222> (4)..(10)
 <223> Thioether bond between position 4 and Xaa at position 10

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N-Me-Arg

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Ser, Gly, Thr, or Ile

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp or D-Asp

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr, Val, Ile, Leu, hLeu and Nle

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Leu, Nle, Cpa, Cba, HomoLeu, Aoc or N-Me-Leu

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Pen, Cys, D-Cys or HomoCys

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3-diPhenyl Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl), Tyr(Me),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Ser, Arg, Thr, Sar, Ser and any substituted aromatic amino acid or corresponding D-amino acids

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> any aromatic amino acid, Glu, D-Glu, homoGlu, Asp, D-Asp, D-homoGlu, Gla, beta-homo-Glu, corresponding D-amino acid and isostere

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Any amino acid, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, Dab, Dap, Homo-Lys, D-Dap, D-Dab, Cys, HomoCys, Pen or D-Orn

<400> 37
 Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 38
 <211> 13
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Absent or any amino acid

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>
 <221> misc_feature
 <222> (4)..(10)
 <223> Thioether bond between position 4 and Xaa at position 10

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N-Me-Arg

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Ser, Gly, Thr, or Ile

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp or D-Asp

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr, Val, Ile, Leu, hLeu or Nle

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Leu, Nle, Cpa, Cba, HomoLeu, Aoc or N-Me-Leu

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Pen, Cys, D-Cys or HomoCys

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3 diPhenyl-Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Tyr(Me), N-Me-Phe, N-Me-Tyr, Sar, Dihydro Trp, Ile, Leu, Ser, Arg or Thr

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Any aromatic amino acid, Glu, D-Glu, homoGlu, Asp, D-Asp, D-homoGlu, Gla, beta-homo-Glu, corresponding D-amino acid or isosteres

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Any amino acid, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, Dab, Dap, Homo-Lys, D-Dap, D-Dab, Cys, HomoCys, Pen or D-Orn

<400> 38
 Xaa Xaa Xaa Xaa Arg Xaa Asp Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 39
 <211> 13
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Absent or any amino acid

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>
 <221> misc_feature
 <222> (4)..(10)
 <223> Thioether bond between position 4 and xaa at position 10

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N-Me-Arg

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp or D-Asp

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr or Val

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Leu, Nle, Cpa, Cba, HomoLeu, Aoc or N-Me-Leu

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Pen, Cys, D-Cys or HomoCys

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe
(4-CH3), Phe (4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly,
3,3 diPhenyl-Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal,
Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl),

<220>
<221> MOD_RES
<222> (11)..(11)
<223> continued from above; Tyr(Me), N-Me-Phe, N-Me-Tyr, Ser, Sar,
Dihydro-Trp, Ile, Leu, Arg or Thr

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Any aromatic amino acid, Glu, D-Glu, homoGlu, Asp, D-Asp,
D-homoGlu, Gla, beta-homo-Glu, corresponding D-amino acid or
isosteres

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Any amino acid, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn,
Dab, Dap, Homo-Lys, D-Dap, D-Dab, Cys, HomoCys, Pen
or D-Orn

<400> 39
Xaa Xaa Xaa Xaa Arg Ser Asp Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 40
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Absent or any amino acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and xaa at position 10

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Asp or D-Asp

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Thr or Val

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Leu, Nle, Cpa, Cba, HomoLeu, Aoc or N-Me-Leu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Pen, Cys, D-Cys or HomoCys

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenyl-Gly, 3,3 diPhenyl-Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl),

<220>
<221> MOD_RES
<222> (11)..(11)
<223> continued from above; Tyr(Me), N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Arg or Thr

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Absent or any aromatic amino acid, Glu, D-Glu or beta-homo-Glu

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Any amino acid, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, Dab, Dap, Homo-Lys, D-Dap, D-Dab, Cys, HomoCys, Pen or D-Orn

<400> 40
Xaa Xaa Xaa Xaa Arg Ser Asp Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 41
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Absent or any amino acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>
<221> misc_feature

<222> (4)..(10)
 <223> Thioether bond between position 4 and xaa at position 10

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N-Me-Arg

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp or D-Asp

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr or Val

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Pen, Cys, D-Cys or HomoCys

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3 diPhenyl-Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Tyr(Me), N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Arg or Thr

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Any aromatic amino acid, Glu, D-Glu, beta-homo-Glu, corresponding D-amino acid and isosteres

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Any amino acid or Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, Dab, Dap, Homo-Lys, D-Dap, D-Dab, Cys, HomoCys, Pen, or D-Orn

<400> 41
 Xaa Xaa Xaa Xaa Arg Ser Asp Xaa Leu Xaa Xaa Xaa
 1 5 10

<210> 42
 <211> 13
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Absent or any amino acid

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> Modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>
 <221> misc_feature
 <222> (4)..(10)
 <223> Thioether bond between position 4 and Xaa at position 10

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N-Me-Arg

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp or D-Asp

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr or Val

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Pen, Cys, D-Cys or HomoCys

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3-diphenyl Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbonyl), Phe(3-Carbonyl), Tyr(Me),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Arg or Thr

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Any aromatic amino acid, Glu, D-Glu or beta-Homo-Glu

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Any amino acid, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, Dab, Dap, Homo-Lys, D-Dap, D-Dab, Cys, HomoCys, Pen or D-Orn

<400> 42
 Xaa Xaa Xaa Xaa Arg Ser Asp Xaa Leu Xaa Xaa Xaa Xaa
 1 5 10

<210> 43
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(3)

<223> Absent or any amino acid

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>

<221> misc_feature

<222> (4)..(10)

<223> Thioether bond between position 4 and Xaa at position 10

<220>

<221> MOD_RES

<222> (5)..(5)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Asp or D-Asp

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Thr or Val

<220>

<221> MOD_RES

<222> (10)..(10)

<223> Pen, Cys, D-Cys or HomoCys

<220>

<221> MOD_RES

<222> (11)..(11)

<223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3-diPhenyl Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbonyl), Phe(3-Carbonyl), Tyr(Me),

<220>

<221> MOD_RES

<222> (11)..(11)

<223> continued from above; N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Arg or Thr

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Any aromatic amino acid, Glu, D-Glu or Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Any amino acid, D-Lys, N-Me-Lys or D-N-Me-Lys

<400> 43

Xaa Xaa Xaa Xaa Arg Ser Asp Xaa Leu Xaa Xaa Xaa Xaa
1 5 10

<210> 44
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(4)
<223> Absent or any amino acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Modified HomoSer, Homo-Ser-Cl or 2-methyl-benzoyl moiety

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and Xaa at position 10

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Asp or D-Asp

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Thr or Val

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Pen, Cys, D-Cys or HomoCys

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3 diPhenylAla, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl),

<220>
<221> MOD_RES
<222> (11)..(11)
<223> continued from above; Tyr(Me) or HomoPhe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Any aromatic amino acid, Glu, D-Glu, and beta-homo-Glu

<400> 44
Xaa Xaa Xaa Xaa Arg Ser Asp Xaa Leu Xaa Xaa Xaa
1 5 10

<210> 45
 <211> 11
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> Modified Ser, modified Homoser, aromatic group or 2-methyl-benzoyl moiety

<220>
 <221> misc_feature
 <222> (1)..(7)
 <223> Thioether bond between position 1 and xaa at position 7

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> N(alpha)-Me-Arg, Arg, HArg, Dap, Dab, Arg-Me-sym, Arg-Me-async, 4-Guan, Cit, Cav or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (3)..(3)
 <223> Ser, Gly, Thr, Ile or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> Asp, N-Me-Asp, D-Asp or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met or N-Methyl amino acids including N-Me-Thr

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala, N-Me-Leu or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Cys, N-Me-Cys, D-Cys, HCys, Pen, D-Pen or Pen(=O)

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Absent, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys, Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, D-1-Nal, D-2-Nal, D-Phe, D-Tyr, HPhe, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(AC), Orn, D-Orn, N-Me-Orn, N-Me-Dap,

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> continued from above; D-N-Me-Lys, D-Dap, D-Dab, Bip,

Ala(3,3diphenyl), Biphenyl-Ala, Phe(4tBu), Phe(4-OMe),
Phe(4-COOH), Phe(2-carbonyl), Phe(3-carbonyl), Phe(CF3),
Phe(2,4-diCl), Phe(3,4-diCl), Aic, N-Me-Tyr, N-Me-Phe, Tic,

<220>
<221> MOD_RES
<222> (8)..(8)
<223> continued from above; Phe(4CF3), aromatic ring substituted Phe,
aromatic ring substituted Trp, aromatic ring substituted His,
hetero aromatic amino acids, N-Me-Lys, N-Me-Lys(AC), 4-Me-Phe,
or corresponding D-amino acids and suitable isostere replacements

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Absent, Glu, Lys, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg,
Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, D-Glu, Beta-HGlu, 2-Nal,
1-Nal, D-1-Nal, D-2-Nal, D-Phe, D-Tyr, D-Asp, Bip, Beta-HPhe,
Beta-Glu, D-Tyr, D-Lys, Dap, Dab, Orn, D-Orn, N-Me-Orn, N-Me-Dap,

<220>
<221> MOD_RES
<222> (9)..(9)
<223> continued from above; N-Me-Dab, N-Me Lys, D-N-Me-Lys D-Dap, D-Dab,
O-Me-Glu, suitable isosteres or corresponding D-amino acids

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val,
Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys,
N-Me-Orn, N-Me-Dap, N-Me-Dab, D-N-Me-Lys N-Me-Lys, D-Dap, D-Dab,
suitable isosteres, or corresponding D-amino acids

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Absent or any amino acid

<400> 45
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 46
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-methylbenzoyl forming a thioether bond between the N-term
and position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Ser, Gly, Thr, or Ile

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Leu or Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen, Cys or D-Cys

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe, D-Phe, Tyr, Bip, Tic, 1-Nal, 2-Nal or Trp

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu, Glu, Tyr, b-homo-Glu, or 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys, D-N-Me-Lys, Dap, Phe, D-Phe or absent

<400> 46
Arg Xaa Asp Thr Xaa Xaa Xaa Xaa Xaa
1 5

<210> 47
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-methylbenzoyl forming a thioether bond between the N-term and position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Leu or Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen, Cys, homoCys, Pen(=O) or D-Cys

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe, D-Phe, Tyr, D-Tyr, His, Bip, Tic, 1-Nal, 2-Nal, Phe(CH3), Phe(2,4-diCl), Phe(3,4-diCl), Aic, N-Me-Tyr, N-Me-Phe, Phe(2-carbomyl), Phe(3-carbomyl), Phe(4-COOH), Phe(4OMe), Phe(4tBu), Phe-(4-F), Phe(4CF3) or Trp

<220>

<221> MOD_RES
<222> (8)..(8)
<223> Absent, Glu, Beta-homo-Glu, Bip, O-Me-Glu, D-Lys, D-Phe, Tyr,
2-Nal, D-Tyr, Pro, Tic, D-Glu, D-Thr, D-Arg, D-Leu, D-Trp,
Phe(4-COOH), D-His, Pro, D-Pro or Glu(OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Absent or any amino acid residue

<400> 47
Arg Ser Asp Thr Xaa Xaa Xaa Xaa Xaa
1 5

<210> 48
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-methylbenzoyl forming a thioether bond between the N-term
and position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-methyl-Arg

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Ser, Gly, Thr or Ile

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Leu or Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Cys, D-Cys, Hcys or Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Trp, Tic, Bip, 1-Nal, 2-Nal, Phe(4tBu) or Phe(4-COOH)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Glu, Beta-Homo-Glu or D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Any amino acid

<400> 48
Arg Xaa Asp Thr Xaa Xaa Xaa Xaa Xaa
1 5

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

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Absent or any amino acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any amino acid, aliphatic acid, alicyclic acid, or modified 2-methyl aromatic acid having a side chain with one or two carbons

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether linkage between position 4 and position 10

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N(alpha)-Me-Arg, Arg, HomoArg, Dap, Dab, Arg-Me-sym, Arg-Me-asym, 4-Guan, Cit, Cav, N-Me-Lys, Phe(4-guanidino), Phe(4-carbamoyl amino), Phe(4-NH2), N-Me-HomoArg, Tyr, His or suitable isostere replacements

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Ser, Gly, Thr, Ile or suitable isostere replacements

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Asp, N-Me-Asp, Asp(OMe), D-Asp or suitable isostere replacements

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met, HomoLeu, Nle or N-Methyl amino acids including N-Me-Thr

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala, Cpa, Aoc, N-Me-Leu or suitable isostere replacements

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cys, N-Me-Cys, D-Cys, HCys, Pen, D-Pen or Pen(=O)

<220>
<221> MOD_RES

<222> (11)..(11)
 <223> Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3),
 Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly,
 3,3-DiPhenylGly, 3,3 diPhenyl Ala, Tic, b-homo-Trp, D-1-Nal,
 D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbonyl),

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe(3-Carbonyl), Phe (2-carbonyl),
 Tyr(Me), HomOPhe, N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp,
 Ile, Leu, Arg, Thr, aromatic amino acids, substituted aromatic
 amino acids, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr,

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Lys, Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe,

 1-Nal, 2-Nal, D-1-Nal, D-2-Nal, HPhe, D-Phe, D-Tyr, Phe(4-F),
 O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(Ac), Orn, D-Orn, N-Me-Orn,
 N-Me-Dap, D-Dap, D-Dab, Bip, Ala(3,3diphenyl), Biphenyl-Ala,

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; aromatic ring substituted Phe, aromatic ring

 substituted Trp, aromatic ring substituted His, hetero aromatic
 amino acids, N-Me-Lys, N-Me-Lys(Ac), 4-Me-Phe, Phe(4tBu),
 Phe(4-OMe), Phe(4-COOH), Phe(2-carbonyl), Phe(3-carbonyl),

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe(CF3), Phe(2,4-diCl), Phe(3,4-diCl),
 Aic, N-Me-Tyr, N-Me-Phe, Tic, Phe(4CF3), Bpa, Phe(3-Me),
 Phe(2-Me), Phe(2-CF3), Beta-Me-Phe, orcorresponding D-amino
 acids and suitable isostere replacements or absent

 <220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Any aromatic amino acids, substituted aromatic amino acids, Glu,
 D-Glu, HomoGlu, Beta-Homo-Glu, Asp, D-HomoGlu, Lys, Gln,
 Pro, Gly, His, Ala, Ile, Phe, Arg, Leu, Val, Tyr, Trp, Met, Gla,
 Ser, Asn, D-Glu, Beta-HGlu, 2-Nal, 1-Nal, D-Asp, Bip, Beta-HPhe,

 <220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> continued from above; Beta-Glu, D-Tyr, D-Phe, D-Lys, Dap, Dab,
 Orn, D-Orn, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-Dap, D-Dab,
 D-His, Phe(4-COOH), Tic, D-Trp, D-Leu, D-Arg, D-Thr, N-Me-Glu,
 N-Me-Asp, alpha-H-Glu, suitable isosteres,

 <220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> continued from above; corresponding D-amino acids or absent

 <220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Absent or any amino acid

 <220>
 <221> MOD_RES

<222> (14)..(14)
<223> Absent, any amino acid, any amino acid with an amine side chain,
Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, N-Me-Orn, Dab, N-Me-Dab,
Dap, N-Me-Dap, Homo-Lys, D-Dap, D-Dab, D-Orn, Gln, Pro, Gly, His,
Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn,

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Continued from above; Gla, Cys, HomoCys, suitable isosteres,
corresponding D-amino acids or corresponding N-Methyl
amino acids

<400> 49
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 50
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Me-benzoyl forming a thioether bond with the Xaa
at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N(alpha)-Me-Arg, Arg, HArg, Dap, Dab, Arg-Me-sym, Arg-Me-asy, 4-Guan, Cit, Cav or suitable isostere replacements

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Ser, Gly or suitable isostere replacements

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Asp, N-Me-Asp, Asp(OMe), D-Asp or suitable isostere replacements

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met, and N-Methyl amino acids including N-Me-Thr or suitable isostere replacements

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala, N-Me-Leu or suitable isostere replacements

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Cys, N-Me-Cys, D-Cys, HCys, Pen or D-Pen

<220>

<221> MOD_RES
 <222> (7)..(7)
 <223> Absent, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys, Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, HPhe, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(Ac), Orn, D-Orn, N-Me-Orn, N-Me-Dap, D-Dap, D-Dab, Bip, Ala(3,3diphenyl),

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> continued from above; Biphenyl-Ala, aromatic ring substituted Phe, aromatic ring substituted Trp, aromatic ring substituted His, hetero aromatic amino acids, N-Me-Lys, N-Me-Lys(AC), Bpa, Phe(3-Me), Phe(2-Me), Phe(2-CF3), beta-Me-Phe, 4-Me-Phe,

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> continued from above; corresponding D-amino acids and suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Absent, Glu, Amide, Lys, COOH, CONH2, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, D-Glu, Beta-HGlu, 2-Nal, 1-Nal, D-Asp, Bip, Beta-HPhe, Beta-Glu, D-Tyr, D-Lys, Dap, Dab, Orn, D-Orn, N-Me-Orn, N-Me-Dap, N-Me-Dab,

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> continued from above; N-Me-Lys, D-Dap, D-Dab, Glu, N-Me-Asp, alpha-H-Glu, suitable isosteres or corresponding D-amino acids

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<400> 50
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 51
 <211> 8
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <223> N-term Propionyl

<220>
<221> misc_feature
<222> (1)..(6)
<223> Thioether linkage between N-term and residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 51
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 52
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Alpha-bromoisobutyryl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 52
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 53
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Acetyl with a thioether bond

between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 53
Arg Ser Asp Thr Leu Xaa Trp Lys
1 5

<210> 54
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Propionyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 54
Arg Ser Asp Thr Leu Xaa Trp Lys
1 5

<210> 55
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 55

Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 56

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 56

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 57

<211> 8

<212> PRT

<213> Artificial Sequence

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

<220>
<223> N-term Propionyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Homo-Cys

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 57
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 58
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Butyryl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 58
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 59
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 59
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 60
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 60
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 61
<211> 9
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 61

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 62

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 62
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 63
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 63
Arg Ser Asp Thr Leu Xaa Trp Tyr Lys
1 5

<210> 64
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 64
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 65
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 65
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 66
<211> 9
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-Cys

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 66
Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 67
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Homo-Cys

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 67

Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 68
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 68
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 69
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> N-Me-Lys

<220>

<223> C-term NH2

<400> 69

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 70

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>
<223> C-term NH2

<400> 70
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 71
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 71
Arg Ser Asp Thr Leu Xaa Phe Xaa Lys
1 5

<210> 72
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond

between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 72
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 73
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 73

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 74
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 74
Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 75
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 75

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 76

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(CF3)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 76

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 77

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 77
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 78
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 78

Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 79

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 79

Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 80

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(Ac)

<220>
<223> C-term NH2

<400> 80
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 81
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(Ac)

<220>
<223> C-term NH2

<400> 81
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 82
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(PEG8)

<220>
<223> C-term NH2

<400> 82
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 83
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES

<222> (9)..(9)
<223> D-Lys(Ac)

<220>
<223> C-term NH2

<400> 83
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 84
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys(Ac)

<220>
<223> C-term NH2

<400> 84
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 85
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>

<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys(Ac)

<220>
<223> C-term NH2

<400> 85
Arg Ser Asp Thr Leu Xaa Trp Tyr Lys
1 5

<210> 86
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(AC)

<220>
<223> C-term NH2

<400> 86
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 87
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(Ac)

<220>
<223> C-term NH2

<400> 87
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 88
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(CF3)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(Ac)

<220>

<223> C-term NH2

<400> 88

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 89

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys(Ac)

<220>

<223> C-term NH2

<400> 89

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 90

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(Ac)

<220>
<223> C-term NH2

<400> 90
Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 91
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys(Ac)

<220>
<223> C-term NH2

<400> 91
Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 92
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dap

<220>
<223> C-term NH2

<400> 92
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 93
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dab

<220>
<223> C-term NH2

<400> 93
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 94
<211> 9

<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dap

<220>
<223> C-term NH2

<400> 94
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 95
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dab

<220>
<223> C-term NH2

<400> 95
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 96
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<223> C-term NH2

<400> 96
Arg Ser Asp Thr Leu Xaa Trp Glu
1 5

<210> 97
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<223> C-term NH2

<400> 97

Arg Ser Asp Thr Leu Xaa Trp Glu
1 5

<210> 98

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<223> C-term NH2

<400> 98

Arg Ser Asp Thr Leu Xaa Trp Glu
1 5

<210> 99

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<223> C-term NH2

<400> 99
Arg Ser Asp Thr Leu Xaa Trp Glu Leu
1 5

<210> 100
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<223> C-term NH2

<400> 100
Arg Ser Asp Thr Leu Xaa Trp Glu Ser
1 5

<210> 101
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<223> C-term NH2

<400> 101
Arg Ser Asp Thr Leu Xaa Trp Glu Phe
1 5

<210> 102
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<223> C-term NH2

<400> 102
Arg Ser Asp Thr Leu Xaa Trp Glu His
1 5

<210> 103
<211> 9
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<223> C-term NH2

<400> 103

Arg Ser Asp Thr Leu Xaa Trp Glu Gln
1 5

<210> 104

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<223> C-term NH2

<400> 104

Arg Ser Asp Thr Leu Xaa Trp Glu Tyr

1

5

<210> 105
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Leu

<220>
<223> C-term NH2

<400> 105
Arg Ser Asp Thr Leu Xaa Trp Glu Leu
1 5

<210> 106
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Ser

<220>
<223> C-term NH2

<400> 106
Arg Ser Asp Thr Leu Xaa Trp Glu Ser
1 5

<210> 107
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Phe

<220>
<223> C-term NH2

<400> 107
Arg Ser Asp Thr Leu Xaa Trp Glu Phe
1 5

<210> 108
<211> 9
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Glu

<220>
<223> C-term NH2

<400> 108
Arg Ser Asp Thr Leu Xaa Trp Glu Glu
1 5

<210> 109
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-His

<220>
<223> C-term NH2

<400> 109
Arg Ser Asp Thr Leu Xaa Trp Glu His
1 5

<210> 110
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Tyr

<220>
<223> C-term NH2

<400> 110
Arg Ser Asp Thr Leu Xaa Trp Glu Tyr
1 5

<210> 111
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 3-Benzyl with a thioether bond
between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 111

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 112

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 4-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 112

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 113

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<223> C-term NH2

<400> 113
Arg Ser Asp Thr Leu Xaa Trp Glu Glu
1 5

<210> 114
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)

<223> D-Glu

<220>

<223> C-term NH2

<400> 114

Arg Ser Asp Thr Leu Xaa Xaa Glu
1 5

<210> 115

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Glu(OMe)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 115

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 116

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<223> C-term NH2

<400> 116
Arg Ser Asp Thr Leu Xaa Xaa
1 5

<210> 117
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 117
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 118
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term OH

<400> 118
Arg Ser Asp Thr Leu Cys Xaa Lys
1 5

<210> 119
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Atc

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 119
Arg Ser Asp Thr Leu Xaa Xaa Glu
1 5

<210> 120
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> erythro-Beta-phenyl-Ser

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 120
Arg Ser Asp Thr Leu Xaa Ser Glu
1 5

<210> 121
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>

<221> MOD_RES
<222> (7)..(7)
<223> erythro-Beta-phenyl-Ser

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 121
Arg Ser Asp Thr Leu Xaa Ser Glu
1 5

<210> 122
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> threo-Beta-phenyl-Ser

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 122
Arg Ser Asp Thr Leu Xaa Ser Glu
1 5

<210> 123
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> threo-Beta-phenyl-Ser

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 123
Arg Ser Asp Thr Leu Xaa Ser Glu
1 5

<210> 124
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bpa

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>

<223> C-term NH2

<400> 124

Arg Ser Asp Thr Leu Xaa Xaa Glu
1 5

<210> 125

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(3-Me)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<223> C-term NH2

<400> 125

Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 126

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(2-Me)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 126
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 127
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(2-CF3)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 127
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 128
<211> 8
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> beta-Me-Phe

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<223> C-term NH2

<400> 128

Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 129

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Beta-Me-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 129
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 130
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> beta-dimethyl-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 130
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 131
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> beta-dimethyl-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 131
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 132
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 4-Me-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 132
Arg Ser Asp Thr Leu Xaa Phe Glu

1

5

<210> 133
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 133
Arg Ser Asp Thr Leu Xaa Xaa Glu
1 5

<210> 134
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 134
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 135
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> N-Me-Glu

<220>
<223> C-term NH2

<400> 135
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 136
<211> 8
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> N-Me-Asp

<220>
<223> C-term NH2

<400> 136
Arg Ser Asp Thr Leu Xaa Phe Asp
1 5

<210> 137
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> alpha-Homo-Glu

<220>
<223> C-term NH2

<400> 137
Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 138
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Cit

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 138
Xaa Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 139
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<223> C-term NH2

<400> 139

Arg Ala Asp Thr Leu Xaa Phe Glu
1 5

<210> 140

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Abu

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<223> C-term NH2

<400> 140

Arg Xaa Asp Thr Leu Xaa Phe Glu
1 5

<210> 141
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Tbu

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<223> C-term NH2

<400> 141
Arg Xaa Asp Thr Leu Xaa Phe Glu
1 5

<210> 142
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> N-Me-Glu

<220>

<223> C-term NH2

<400> 142

Arg Ser Asp Thr Leu Xaa Phe Glu
1 5

<210> 143

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Lys

<220>

<223> C-term NH2

<400> 143

Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 144

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Propionyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Lys

<220>

<223> C-term NH2

<400> 144

Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 145

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 145

Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 146

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 146
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 147
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Acetyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 147
Arg Ser Asp Thr Leu Xaa Trp Lys
1 5

<210> 148
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Propionyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 148
Arg Ser Asp Thr Leu Xaa Trp Lys
1 5

<210> 149
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Propionyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> homo-Cys

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 149
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 150
<211> 9
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 150

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 151

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 151
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 152
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 152
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 153
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 153
Arg Ser Asp Thr Leu Xaa Trp Tyr Lys
1 5

<210> 154
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 154
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 155
<211> 9
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 155
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 156
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-Cys

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 156
Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 157
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Homo-Cys

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 157
Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 158
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-NaI

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 158

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 159

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-NaI

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 159

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 160
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 160
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 161
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 161

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 162

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> D-Phe

<220>

<221> MOD_RES

<222> (8)..(8)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>
<223> C-term NH2

<400> 162
Arg Ser Asp Thr Leu Xaa Phe Xaa Lys
1 5

<210> 163
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 163
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 164
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 164

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 165

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 165

Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 166

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(CF3)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 166
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 167
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 167

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 168

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 168

Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 169

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 169
Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 170
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 170
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 171
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 171
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 172
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen(=O)

<220>
<221> MOD_RES

<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 172
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 173
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen(=O)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 173
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 174
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 174
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 175
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES

<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 175
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 176
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(2,4-diCl)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 176
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 177
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(3,4-diCl)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 177
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 178
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES

<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 178
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 179
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-Cys

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Aic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 179
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 180
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Aic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 180
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 181
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-Pen

<220>
<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 181

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 182

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (7)..(7)

<223> N-Me-Tyr

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 182

Arg Ser Asp Thr Leu Cys Tyr Glu Lys
1 5

<210> 183

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES
<222> (7)..(7)
<223> N-Me-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 183
Arg Ser Asp Thr Leu Cys Phe Glu Lys
1 5

<210> 184
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 184
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 185
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-Cys

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 185
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 186
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>

<223> C-term NH2

<400> 186

Arg Ser Asp Thr Leu Cys Phe Glu Lys
1 5

<210> 187

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (7)..(7)

<223> D-Phe

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 187

Arg Ser Asp Thr Leu Cys Phe Glu Lys
1 5

<210> 188

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 188
Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 189
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 189
Arg Ser Glu Thr Leu Xaa Phe Glu Lys
1 5

<210> 190
<211> 10
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (10)..(10)

<223> D-Lys

<220>

<223> C-term NH2

<400> 190

Arg Ser Asp Thr Leu Xaa Trp Glu Leu Lys
1 5 10

<210> 191

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 191
Arg Ser Asp Thr Leu Xaa Trp Glu Ser Lys
1 5 10

<210> 192
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 192
Arg Ser Asp Thr Leu Xaa Trp Glu Phe Lys
1 5 10

<210> 193
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 193
Arg Ser Asp Thr Leu Xaa Trp Glu His Lys
1 5 10

<210> 194
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 194
Arg Ser Asp Thr Leu Xaa Trp Glu Glu Lys

1

5

10

<210> 195
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 195
Arg Ser Asp Thr Leu Xaa Trp Glu Tyr Lys
1 5 10

<210> 196
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Leu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 196
Arg Ser Asp Thr Leu Xaa Trp Glu Leu Lys
1 5 10

<210> 197
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Ser

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 197
Arg Ser Asp Thr Leu Xaa Trp Glu Ser Lys

1

5

10

<210> 198
 <211> 10
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N-Me-Arg

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Pen

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> D-Glu

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> D-Phe

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> D-Lys

<220>
 <223> C-term NH2

<400> 198
 Arg Ser Asp Thr Leu Xaa Trp Glu Phe Lys
 1 5 10

<210> 199
 <211> 10
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-His

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>
<223> C-term NH2

<400> 199
Arg Ser Asp Thr Leu Xaa Trp Glu His Lys
1 5 10

<210> 200
<211> 10
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Glu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> D-Lys

<220>

<223> C-term NH2

<400> 200

Arg Ser Asp Thr Leu Xaa Trp Glu Glu Lys
1 5 10

<210> 201

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Tyr

<220>

<221> MOD_RES

<222> (10)..(10)

<223> D-Lys

<220>

<223> C-term NH2

<400> 201

Arg Ser Asp Thr Leu Xaa Trp Glu Tyr Lys
1 5 10

<210> 202

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 202
Arg Ser Asp Thr Leu Xaa Trp Xaa Lys
1 5

<210> 203
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 203
Arg Ser Asp Thr Leu Xaa Phe Xaa Lys

1

5

<210> 204
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 204
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 205
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 205
Arg Ser Asp Thr Leu Cys Xaa Xaa Lys
1 5

<210> 206
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 206
Arg Ser Asp Thr Leu Xaa Xaa Xaa Lys
1 5

<210> 207
<211> 9

<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 207
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 208
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 208
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 209
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 209
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 210
<211> 9
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Glu(OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 210
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 211
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Glu(OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 211
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 212
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 212
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 213
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 213

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 214

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 214

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 215

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 215
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 216
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)

<223> D-Lys

<220>

<223> C-term NH2

<400> 216

Arg Ser Asp Thr Leu Cys Xaa Lys
1 5

<210> 217

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 217

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 218

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 218
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 219
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 219
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 220
<211> 9
<212> PRT
<213> Artificial Sequence

```

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

<220>
<223> N-term 2-Benzyl with a thioether bond
      between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Glu(OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 220
Arg Ser Asp Thr  Leu Cys Xaa Glu Lys
1          5

<210> 221
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
      between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

```

<400> 221
Arg Ser Asp Thr Leu Cys Xaa Lys
1 5

<210> 222
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 222
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 223
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 223
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 224
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dap

<220>
<223> C-term Ac

<400> 224
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 225
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 225
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 226
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 226
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 227
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 227
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 228
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 228
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 229
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>

<221> MOD_RES
<222> (5)..(5)
<223> Nle

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 229
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 230
<211> 5
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term C(thioether propane) with a thioether bond between the N-term and the C-term

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<223> C-term C(thioether propane)

<400> 230
Arg Ser Asp Thr Leu
1 5

<210> 231
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dab

<220>
<223> C-term Ac

<400> 231
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 232
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dab

<220>
<223> C-term Ac

<400> 232
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 233
<211> 9
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (9)..(9)

<223> Dab

<220>

<223> C-term NH2

<400> 233

Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 234

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (9)..(9)

<223> Dab

<220>

<223> C-term Ac

<400> 234

Arg Ser Asp Thr Leu Xaa Trp Glu Xaa

1

5

<210> 235
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 235
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 236
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 236
Arg Ser Asp Thr Leu Xaa Trp Phe Lys
1 5

<210> 237
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Tyr

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 237
Arg Ser Asp Thr Leu Xaa Trp Tyr Lys
1 5

<210> 238
<211> 9
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 238
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 239
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 239

Arg Ser Asp Thr Leu Xaa Trp Pro Lys
1 5

<210> 240
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<223> C-term NH2

<400> 240
Arg Ser Asp Thr Leu Xaa Trp Pro Lys
1 5

<210> 241
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Pro

<220>
<223> C-term NH2

<400> 241
Arg Ser Asp Thr Leu Xaa Trp Pro Lys
1 5

<210> 242
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(2-carbamoyl)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 242
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 243
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES

<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(3-carbamoyl)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 243
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 244
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 244

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 245

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(2,4-C1)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 245

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 246

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(3,4-C1)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 246

Arg Ser Asp Thr Leu Xaa Phe Glu Lys

1

5

<210> 247

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-OMe)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 247

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 248

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-His

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 248

Arg Ser Asp Thr Leu Xaa Trp His Lys
1 5

<210> 249

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 249
Arg Ser Asp Thr Leu Xaa Trp Phe Lys
1 5

<210> 250
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 250

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 251

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-F)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 251

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 252

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 252
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 253
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Tic

<220>
<221> MOD_RES
<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 253

Arg Ser Asp Thr Leu Xaa Trp Xaa Lys
1 5

<210> 254

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Trp

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 254

Arg Ser Asp Thr Leu Xaa Trp Trp Lys
1 5

<210> 255

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 255
Arg Ser Asp Thr Leu Xaa Xaa Phe Lys
1 5

<210> 256
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-His

<220>
<221> MOD_RES
<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 256

Arg Ser Asp Thr Leu Xaa Xaa His Lys
1 5

<210> 257

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Leu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 257

Arg Ser Asp Thr Leu Xaa Xaa Leu Lys
1 5

<210> 258

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Arg

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 258

Arg Ser Asp Thr Leu Xaa Xaa Arg Lys

1

5

<210> 259

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Tic

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 259

Arg Ser Asp Thr Leu Xaa Xaa Xaa Lys
1 5

<210> 260

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Thr

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 260

Arg Ser Asp Thr Leu Xaa Xaa Thr Lys
1 5

<210> 261

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 261
Arg Ser Asp Thr Leu Xaa Xaa Phe Lys
1 5

<210> 262
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-His

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 262

Arg Ser Asp Thr Leu Xaa Xaa His Lys
1 5

<210> 263

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Leu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 263

Arg Ser Asp Thr Leu Xaa Xaa Leu Lys
1 5

<210> 264

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Arg

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 264
Arg Ser Asp Thr Leu Xaa Xaa Arg Lys
1 5

<210> 265
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Tic

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 265

Arg Ser Asp Thr Leu Xaa Xaa Xaa Lys
1 5

<210> 266

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4CF3)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 266

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 267
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 267
Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 268
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 268

Arg Ser Asp Thr Leu Xaa His Glu Lys
1 5

<210> 269

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 269

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 270

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 270
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 271
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 271

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 272

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 272

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 273

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 273
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 274
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 274

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 275

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 275

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 276

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 276

Arg Ser Asp Thr Leu Xaa Phe Glu Lys

1

5

<210> 277

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Bip

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 277

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 278

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Bip

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 278

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 279

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 279
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 280
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 280

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 281

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 281

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 282

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 282
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 283
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 283
Arg Ser Asp Thr Leu Xaa Xaa Lys
1 5

<210> 284
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 284
Arg Ser Asp Thr Leu Xaa Xaa Lys
1 5

<210> 285
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES

<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 285
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 286
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 286
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 287
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 287
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 288
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES

<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 288
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 289
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 289
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 290
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 290
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 291
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES

<222> (8)..(8)
<223> beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 291
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 292
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 292
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 293
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 293
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 294
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES

<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 294
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 295
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 295
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 296
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 296
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 297
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES

<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 297
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 298
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 298
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 299
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 299
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 300
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES

<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 300
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 301
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Butyryl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 301
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 302
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> D-Cys

<220>

<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 302
Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 303
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Homo-Cys

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 303
Arg Ser Asp Thr Leu Cys Trp Glu Lys
1 5

<210> 304
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dap

<220>
<223> C-term Ac

<400> 304
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 305
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dab

<220>
<223> C-term Ac

<400> 305
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 306
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dap

<220>
<223> C-term Ac

<400> 306
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 307
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dab

<220>
<223> C-term Ac

<400> 307
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 308
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 308
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 309
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<223> C-term NH2

<400> 309
Arg Ser Asp Thr Leu Xaa Trp Glu
1 5

<210> 310
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 3-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 310
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 311
<211> 9
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<223> N-term 4-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 311
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 312
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 312
Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 313
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term OH

<400> 313
Arg Ser Asp Thr Leu Cys Xaa Lys
1 5

<210> 314
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Glu(OMe)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 314

Arg Ser Asp Thr Leu Xaa Trp Glu Lys
1 5

<210> 315

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Phe

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 315

Arg Ser Asp Thr Leu Xaa Xaa Phe Lys
1 5

<210> 316

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-His

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 316
Arg Ser Asp Thr Leu Xaa Xaa His Lys
1 5

<210> 317
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Leu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 317

Arg Ser Asp Thr Leu Xaa Xaa Leu Lys
1 5

<210> 318

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Arg

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 318

Arg Ser Asp Thr Leu Xaa Xaa Arg Lys
1 5

<210> 319
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Tic

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 319
Arg Ser Asp Thr Leu Xaa Xaa Xaa Lys
1 5

<210> 320
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Thr

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 320

Arg Ser Asp Thr Leu Xaa Xaa Thr Lys
1 5

<210> 321

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 321

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 322
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 322
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 323
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> N-Me-Lys

<220>

<223> C-term NH2

<400> 323

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 324

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-N-Me-Lys

<220>

<223> C-term NH2

<400> 324

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 325

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 325
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 326
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 1-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-N-Me-Lys

<220>

<223> C-term NH2

<400> 326

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 327

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Phe

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 327

Arg Ser Asp Thr Leu Xaa Xaa Phe Lys
1 5

<210> 328
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-His

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 328
Arg Ser Asp Thr Leu Xaa Xaa His Lys
1 5

<210> 329
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Leu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 329

Arg Ser Asp Thr Leu Xaa Xaa Leu Lys
1 5

<210> 330

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Arg

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 330

Arg Ser Asp Thr Leu Xaa Xaa Arg Lys
1 5

<210> 331

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Tic

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 331

Arg Ser Asp Thr Leu Xaa Xaa Xaa Lys
1 5

<210> 332

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond

between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 332
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 333
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 333
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 334
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 334
Arg Ser Asp Thr Leu Xaa Xaa Lys
1 5

<210> 335
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Lys

<220>

<223> C-term NH2

<400> 335

Arg Ser Asp Thr Leu Xaa Xaa Lys
1 5

<210> 336

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (9)..(9)

<223> N-Me-Lys

<220>

<223> C-term NH2

<400> 336

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 337

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 337
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 338
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> N-Me-Lys

<220>

<223> C-term NH2

<400> 338

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 339

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> 2-Nal

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-N-Me-Lys

<220>

<223> C-term NH2

<400> 339

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 340

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 340
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 341
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Bip

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 341

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 342

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Bip

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 342

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 343

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 343
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 344
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)

<223> Bip

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-N-Me-Lys

<220>

<223> C-term NH2

<400> 344

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 345

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Bip

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> N-Me-Lys

<220>

<223> C-term NH2

<400> 345

Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 346

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 346
Arg Ser Asp Thr Leu Xaa Xaa Glu Lys
1 5

<210> 347
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)

<223> Phe(2,4-C1)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 347

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 348

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(2-carbamoyl)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 348

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 349

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(3,4-C1)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 349
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 350
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(3-carbamoyl)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 350

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 351

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4CF3)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 351

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 352
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 352
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 353
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 353

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 354

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 354

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 355

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 355
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 356
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 356

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 357

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-COOH)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 357

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 358

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 358
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 359
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-F)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 359

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 360

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-OMe)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 360

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 361
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 361
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 362
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> N-Me-Lys

<220>

<223> C-term NH2

<400> 362

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 363

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 363

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 364
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> N-Me-Lys

<220>
<223> C-term NH2

<400> 364
Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 365
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-N-Me-Lys

<220>

<223> C-term NH2

<400> 365

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 366

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Phe(4-tBu)

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Beta-Homo-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> N-Me-Lys

<220>

<223> C-term NH2

<400> 366

Arg Ser Asp Thr Leu Xaa Phe Glu Lys
1 5

<210> 367

<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Homo-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-N-Me-Lys

<220>
<223> C-term NH2

<400> 367
Arg Ser Asp Thr Leu Xaa Phe Xaa Lys
1 5

<210> 368
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

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

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 368

Arg Ser Asp Thr Leu Xaa His Glu Lys
1 5

<210> 369

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Tic

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Glu

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 369

Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 370

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 370
Arg Ser Asp Thr Leu Cys Xaa Glu Lys
1 5

<210> 371
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Dab

<220>
<223> C-term NH2

<400> 371
Arg Ser Asp Thr Leu Xaa Trp Glu Xaa
1 5

<210> 372
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 372
Arg Ser Asp Thr Leu Xaa Trp Phe Lys
1 5

<210> 373
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES

<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Tyr

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 373
Arg Ser Asp Thr Leu Xaa Trp Tyr Lys
1 5

<210> 374
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 374
Arg Ser Asp Thr Leu Xaa Trp Pro Lys
1 5

<210> 375
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<223> C-term NH2

<400> 375
Arg Ser Asp Thr Leu Xaa Trp Pro Lys
1 5

<210> 376
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Pro

<220>
<223> C-term NH2

<400> 376
Arg Ser Asp Thr Leu Xaa Trp Pro Lys
1 5

<210> 377
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-His

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 377
Arg Ser Asp Thr Leu Xaa Trp His Lys
1 5

<210> 378
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(4-COOH)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>

<223> C-term NH2

<400> 378

Arg Ser Asp Thr Leu Xaa Trp Phe Lys
1 5

<210> 379

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Tic

<220>

<221> MOD_RES

<222> (9)..(9)

<223> D-Lys

<220>

<223> C-term NH2

<400> 379

Arg Ser Asp Thr Leu Xaa Trp Xaa Lys
1 5

<210> 380

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Trp

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 380
Arg Ser Asp Thr Leu Xaa Trp Trp Lys
1 5

<210> 381
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Acetyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 381
Arg Ser Asp Thr Leu Xaa Trp Lys
1 5

<210> 382
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Propionyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 382
Arg Ser Asp Thr Leu Xaa Trp Lys
1 5

<210> 383
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Propionyl with a thioether bond
between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> homo-Cys

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 383
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 384
<211> 9

<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-Benzyl with a thioether bond between the N-term and the residue at position 6

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N-Me-Arg

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Lys

<220>
<223> C-term NH2

<400> 384
Arg Ser Asp Thr Leu Xaa Tyr Glu Lys
1 5

<210> 385
<211> 9
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term Ac

<220>
<223> C-term NH2

<400> 385
Cys Arg Ser Asp Thr Leu Cys Gly Glu
1 5

<210> 386
<211> 7
<212> PRT
<213> Artificial Sequence

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

peptide

<220>

<223> N-term Ac

<220>

<223> C-term NH2

<400> 386

Cys Arg Ser Asp Thr Leu Cys
1 5

<210> 387

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<223> N-term 2-Me-Benzoyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N(alpha)-Me-Arg, Arg, HArg, Dap, Dab, Arg-Me-sym,
Arg-Me-asym, 4-Guan, Cit, Cav or suitable isostere
replacements

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Ser, Gly or suitable isostere replacements

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Asp, N-Me-Asp, Asp(OMe), D-Asp or a suitable isostere
replacements

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys,
Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met or N-Methyl amino
acids including N-Me-Thr or suitable isostere replacements

<220>

<221> MOD_RES

<222> (5)..(5)

<223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu,
n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala,
N-Me-Leu or suitable isostere replacements

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Cys, N-Me-Cys, D-Cys, HCys, Pen or D-Pen

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Absent, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys, Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, HPhe, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(AC), Orn, D-Orn, N-Me-Orn, N-Me-Dap, D-Dap, D-Dab, Bip,

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> continued from above; Ala(3,3diphenyl), Biphenyl-Ala, aromatic ring substituted Phe, aromatic ring substituted Trp, aromatic ring substituted His, hetero aromatic amino acids, N-Me-Lys, N-Me-Lys(AC), Bpa, Phe(3-Me), Phe(2-Me), Phe(2-CF3), beta-Me-Phe,

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> continued from above; 4-Me-Phe or corresponding D-amino acids and suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Absent, Glu, Lys, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, D-Glu, beta-Homo-Glu, 2-Nal, 1-Nal, D-Asp, Bip, beta-Homo-Phe, beta-Glu, D-Tyr, D-Lys, Dap, Dab, Orn, D-Orn, N-Me-Orn, N-Me-Dap, N-Me-Dab,

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> continued from above; N-Me-Lys, D-Dap, D-Dab, Glu, N-Me-Asp, alpha-H-Glu, suitable isosteres or corresponding D-amino acids

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<400> 387
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 388
 <211> 14
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> Absent, or any naturally occurring amino acid, a suitable

isostere or corresponding D-amino acids

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any amino acid residue having a side chain with one or two carbons capable of forming a thioether bond

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and Xaa at position 10

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N(alpha)-Me-Arg, Arg, HArg, Dap, Dab, Arg-Me-sym, Arg-Me-async, 4-Guan, Cit, Cav or suitable isostere replacements

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Ser, Gly or suitable isostere replacements

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Asp, N-Me-Asp, Asp(OMe), D-Asp or a suitable isostere replacements

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met or N-Methyl amino acids including N-Me-Thr

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala, N-Me-Leu or suitable isostere replacements

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Cys, N-Me-Cys, D-Cys, HCys, Pen or D-Pen

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys, Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, D-1-Nal, D-2-Nal, HPhe, D-Phe, D-Tyr, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(Ac), Orn, D-Orn, N-Me-Orn, N-Me-Dap, D-Dap, D-Dab,

<220>
<221> MOD_RES
<222> (11)..(11)
<223> continued from above; Bip, Ala(3,3diphenyl), Biphenyl-Ala, aromatic ring substituted Phe, aromatic ring substituted Trp, aromatic ring substituted His, hetero aromatic amino acids, N-Me-Lys, N-Me-Lys(Ac), 4-Me-Phe or corresponding D-amino acids

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

<223> continued from above; and suitable isostere replacements

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Absent or Glu, Lys, Gln, Pro, Gly, His, Ala, Ile, Phe, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, D-Glu, beta-HGlu, 2-Nal, 1-Nal, D-Asp, Bip, beta-Homo-Phe, beta-Glu, D-Tyr, D-Phe, D-Lys, Dap, Dab, Orn, D-Orn, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys,

<220>

<221> MOD_RES

<222> (12)..(12)

<223> continued from above; D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-N-Me-Lys, D-Dap, D-Dab, suitable isosteres or corresponding D-amino acids

<220>

<221> MOD_RES

<222> (14)..(14)

<223> Absent, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn, Glu, Dap, Dab, Orn, D-Orn, D-Lys, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-N-Me-Lys, D-Dap, D-Dab suitable isosteres,

<220>

<221> MOD_RES

<222> (14)..(14)

<223> continued from above; corresponding D-amino acids or corresponding N-Methyl amino acids

<400> 388

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 389

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(3)

<223> Absent or is any amino acid

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Any amino acid, aliphatic amino acid, alicyclic amino acid or modified 2-methyl aromatic acid having side chain with one or two carbons capable of forming a thioether bond

<220>

<221> misc_feature

<222> (4)..(10)

<223> Thioether bond between position 4 and Xaa at position 10

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N(alpha)-Me-Arg, Arg, HomoArg, Dap, Dab, Arg-Me-sym, Arg-Me-asym, 4-Guan, Cit, Cav, N-Me-Lys, Phe(4-quanidino), Phe(4-carbamoyl amino), Phe(4-NH2), N-Me-HomoArg, Tyr, His or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> Ser, Gly, Thr, Ile or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> Asp, N-Me-Asp, Asp(OMe), D-Asp or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met, HomoLeu, Nle or N-Methyl amino acids including N-Me-Thr

<220>
 <221> MOD_RES
 <222> (9)..(9)
 <223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl Ala, n-Pentyl Ala, n-Hexyl Ala, Nle, cyclobutyl-Ala, Cpa, Aoc, N-Me-Leu or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Cys, N-Me-Cys, D-Cys, HCys, Pen, D-Pen or Pen(=O)

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Absent, Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3 diPhenyl-Ala, Tic, b-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbonyl), Phe(3-Carbonyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe(2-carbonyl), Tyr(Me), HomoPhe, N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Arg, Thr, aromatic amino acids, substituted aromatic amino acids, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val,

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Met, Thr, Lys, Trp, Tyr, His, Glu, Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, D-1-Nal, D-2-Nal, HPhe, D-Phe, D-Tyr, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(Ac), Orn, D-Orn, N-Me-Orn, N-Me-Dap, D-Dap, D-Dab, Bip, Ala(3,3diphenyl), Biphenyl-Ala,

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; aromatic ring substituted Phe, aromatic ring substituted Trp, aromatic ring substituted His, hetero

aromatic amino acids, N-Me-Lys, N-Me-Lys(Ac), 4-Me-Phe, Phe(4tBu), Phe(4-OMe), Phe(4-COOH), Phe(2-carbonyl),

<220>
<221> MOD_RES
<222> (11)..(11)
<223> continued from above; Phe(3-carbonyl), Phe(CF3), Phe(2,4-diCl), Phe(3,4-diCl), Aic, N-Me-Tyr, N-Me-Phe, Tic, Phe(4CF3) or corresponding D-amino acids and suitable isostere replacements

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Absent, any aromatic amino acid, any substituted aromatic amino acid, Glu, D-Glu, HomoGlu, Beta-Homo-Glu, Asp, D-HomoGlu, Lys, Gln, Pro, Gly, His, Ala, Ile, Phe, Arg, Leu, Val, Tyr, Trp, Met, Gla, Ser, Asn, D-Glu, beta-Homo-Glu, 2-Nal, 1-Nal, D-Asp, Bip,

<220>
<221> MOD_RES
<222> (12)..(12)
<223> continued from above; beta-HPhe, beta-Glu, D-Tyr, D-Phe, D-Lys, Dap, Dab, Orn, D-Orn, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-Dap, D-Dab, D-His, Phe(4-COOH), Tic, D-Trp, D-Leu, D-Arg, D-Thr, suitable isosteres or corresponding D-amino acids

<220>
<221> MOD_RES
<222> (13)..(14)
<223> Absent or any amino acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Absent or any amino acid, any amino acid with an amine side chain, Lys, D-Lys, N-Me-Lys, D-N-Me-Lys, Orn, N-Me-Orn, Dab, N-Me-Dab, Dap, N-Me-Dap, Homo-Lys, D-Dap, D-Dab, D-Orn, Gln, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Leu, Val, Tyr, Trp, Met, Glu, Ser, Asn,

<220>
<221> MOD_RES
<222> (14)..(14)
<223> continued from above; Gla, Cys, HomoCys, suitable isosteres, corresponding D-amino acids, and corresponding N-Methyl amino acids

<400> 389
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 390
<211> 6
<212> PRT
<213> Artificial Sequence

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

<220>
<223> N-term 2-methyl benzoyl with a thioether bond between the N-term and the residue at position 6

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

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Pen, Cys, D-Cys or HomoCys

<400> 390

Arg Ser Glu Thr Leu Xaa
1 5

<210> 391

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (8)..(8)

<223> D-Lys

<220>

<223> C-term NH2

<400> 391

Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 392

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<223> N-term Acetyl with a thioether bond
between the N-term and the residue at position 6

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N-Me-Arg

<220>

<221> MOD_RES

<222> (6)..(6)

<223> Homo-Cys

<220>
<221> MOD_RES
<222> (8)..(8)
<223> D-Lys

<220>
<223> C-term NH2

<400> 392
Arg Ser Asp Thr Leu Cys Trp Lys
1 5

<210> 393
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Absent or any amino acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Any amino acid, aliphatic acid, alicyclic acid, or modified 2-methyl aromatic acid having a side chain with one or two carbons

<220>
<221> misc_feature
<222> (4)..(10)
<223> Thioether bond between position 4 and Xaa at position 10

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N(alpha)-Me-Arg, Arg, HomoArg, Dap, Dab, Arg-Me-sym, Arg-Me-asy, 4-Guan, Cit, Cav, N-Me-Lys, Phe(4-quanidino), Phe(4-carbamoyl amino), Phe(4-NH2), N-Me-HomoArg, Tyr, His or suitable isostere replacements

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Ser, Gly, Thr, Ile or suitable isostere replacements

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Asp, N-Me-Asp, Asp(OMe), D-Asp or suitable isostere replacements

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Thr, Gln, Ser, Asp, Pro, Gly, His, Ala, Ile, Phe, Lys, Arg, Asn, Glu, Val, Tyr, Trp, Leu, Met, HomoLeu, Nle or N-Methyl amino acids including N-Me-Thr

<220>
<221> MOD_RES

<222> (9)..(9)
 <223> Gln, Asn, Asp, Pro, Gly, Ala, Phe, Leu, Glu, Ile, Val, HLeu, n-Butyl-Ala, n-Pentyl-Ala, n-Hexyl-Ala, Nle, cyclobutyl-Ala, Cpa, Aoc, N-Me-Leu or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Cys, N-Me-Cys, D-Cys, HCys, Pen, D-Pen or Pen(=O)

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Absent or Trp, Phe, 2-Nal, 1-Nal, Tyr, His, Phe(4-F), Phe(4-CF3), Phe(4-CH3), Phe(4-tBu), Bip, Phe(4-COOH), Gly, 3,3-DiPhenylGly, 3,3 diPhenyl-Ala, Tic, beta-homo-Trp, D-1-Nal, D-2-Nal, Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-carbomyl), Phe(3-Carbomyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe(2-carbomyl), Tyr(Me),HomoPhe, N-Me-Phe, N-Me-Tyr, Ser, Sar, Dihydro Trp, Ile, Leu, Arg, Thr, aromatic amino acids, substituted aromatic amino acids, Gly, Gln, Asn, Asp, Ala, Ile, Leu, Val, Met, Thr, Lys, Trp, Tyr, His, Glu,

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Ser, Arg, Pro, Phe, Sar, 1-Nal, 2-Nal, D-1-Nal, D-2-Nal, HPhe, D-Phe, D-Tyr, Phe(4-F), O-Me-Tyr, dihydro-Trp, Dap, Dab, Dab(Ac), Orn, D-Orn, N-Me-Orn, N-Me-Dap, D-Dap, D-Dab, Bip, Ala(3,3diphenyl), Biphenyl-Ala, aromatic

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; ring substituted Phe, aromatic ring substituted Trp, aromatic ring substituted His, hetero aromatic amino acids, N-Me-Lys, N-Me-Lys(Ac), 4-Me-Phe, Phe(4tBu), Phe(4-OMe), Phe(4-COOH), Phe(2-carbomyl),

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> continued from above; Phe(3-carbomyl), Phe(CF3), Phe(2,4-diCl), Phe(3,4-diCl), Aic, N-Me-Tyr, N-Me-Phe, Tic, Phe(4CF3), Bpa, Phe(3-Me), Phe(2-Me), Phe(2-CF3), beta-Me-Phe or corresponding D-amino acids or suitable isostere replacements

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Absent or any aromatic amino acid, substituted aromatic amino acid, Glu, D-Glu, HomoGlu, Beta-Homo-Glu, Asp, D-HomoGlu, Lys, Gln, Pro, Gly, His, Ala, Ile, Phe, Arg, Leu, Val, Tyr, Trp, Met, Gla, Ser, Asn, D-Glu, Beta-Homo-Glu, 2-Nal, 1-Nal, D-Asp,

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> continued from above; Bip, Beta-HPhe, Beta-Glu, D-Tyr, D-Phe, D-Lys, Dap, Dab, Orn, D-Orn, N-Me-Orn, N-Me-Dap, N-Me-Dab, N-Me-Lys, D-Dap, D-Dab, D-His, Phe(4-COOH), Tic, D-Trp, D-Leu, D-Arg, D-Thr, N-Me-Glu, N-Me-Asp, alpha-H-Glu,

<220>
 <221> MOD_RES

<222> (12)..(12)
<223> continued from above; isoteres or corresponding D-amino acids

<220>
<221> MOD_RES
<222> (13)..(14)
<223> Absent or any amino acid

<400> 393
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10