

SEQUENCE LISTING

<110> MEDIMMUNE LIMITED

<120> PROTEASE-RESISTANT LIPIDATED PEPTIDES

<130> ORPEP-101WO1

<140>

<141>

<150> 62/343,390

<151> 2016-05-31

<150> 62/173,631

<151> 2015-06-10

<160> 492

<170> PatentIn version 3.5

<210> 1

<211> 30

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown: native GLP-1 (7-36)
polypeptide

<400> 1

His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg
			20					25					30

<210> 2

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
polypeptide

<220>

<221> VARIANT

<222> (2)..(2)

<223> /replace="Aib"

<220>

<221> VARIANT

<222> (6)..(6)

<223> /replace="any alpha-methyl functionalized amino acid"

<220>

<221> VARIANT

<222> (11)..(11)

<223> /replace="any alpha-methyl functionalized amino acid"

<220>

```

<221> VARIANT
<222> (12)..(12)
<223> /replace="any lipid modified Lys"

<220>
<221> VARIANT
<222> (13)..(13)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (20)..(20)
<223> /replace="any lipid modified Lys" or "any alpha-methyl
functionalized amino acid"

<220>
<221> VARIANT
<222> (22)..(22)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (24)..(24)
<223> /replace="any lipid modified Lys"

<220>
<221> VARIANT
<222> (25)..(25)
<223> /replace="alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (28)..(28)
<223> /replace="Glu" or "any alpha-methyl functionalized amino acid"

<220>
<221> misc_feature
<222> (1)..(30)
<223> /note="Variant residues given in the sequence have no
preference with respect to those in the annotations
for variant positions"

<220>
<221> source
<223> /note="See specification as filed for detailed description of
substitutions and preferred embodiments"

<400> 2
His Ala Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Val Val Lys Gly Gly
          20          25          30

<210> 3
<211> 30
<212> PRT
<213> Artificial Sequence

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

```

```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> VARIANT
<222> (12)..(12)
<223> /replace="any lipid modified Lys"

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> VARIANT
<222> (24)..(24)
<223> /replace="any lipid modified Lys"

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> misc_feature
<222> (1)..(30)
<223> /note="Variant residues given in the sequence have no
preference with respect to those in the annotations
for variant positions"

<220>
<221> source
<223> /note="See specification as filed for detailed description of
substitutions and preferred embodiments"

```

```

<400> 3
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
          20          25          30

<210> 4
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> VARIANT
<222> (2)..(2)
<223> /replace="Aib"

<220>
<221> VARIANT
<222> (5)..(5)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (6)..(6)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (10)..(10)
<223> /replace="any lipid modified Lys"

<220>
<221> VARIANT
<222> (11)..(11)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (12)..(12)
<223> /replace="any lipid modified Lys"

<220>
<221> VARIANT
<222> (13)..(13)
<223> /replace="Phe" or "any lipid modified Lys"

<220>
<221> VARIANT
<222> (14)..(14)
<223> /replace="any lipid modified Lys"

<220>
<221> VARIANT
<222> (17)..(17)
<223> /replace="Glu"

```

<220>
<221> VARIANT
<222> (20)..(20)
<223> /replace="Glu" or "any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (22)..(22)
<223> /replace="norleucine" or "tyrosine methyl ester" or "any
alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (24)..(24)
<223> /replace="any lipid modified Lys"

<220>
<221> VARIANT
<222> (25)..(25)
<223> /replace="Phe" or "any lipid modified Lys"

<220>
<221> VARIANT
<222> (26)..(26)
<223> /replace="Val" or "any lipid modified Lys"

<220>
<221> VARIANT
<222> (28)..(28)
<223> /replace="Glu"

<220>
<221> VARIANT
<222> (30)..(30)
<223> /replace="Gly"

<220>
<221> misc_feature
<222> (1)..(30)
<223> /note="Variant residues given in the sequence have no
preference with respect to those in the annotations
for variant positions"

<220>
<221> source
<223> /note="See specification as filed for detailed description of
substitutions and preferred embodiments"

<400> 4
His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 5
<211> 31
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (31)..(31)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 5

His	Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10				15		

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg	Lys
			20					25					30	

<210> 6

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (31)..(31)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 6

His	Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10				15		

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg	Lys
			20					25					30	

<210> 7

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 7

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Glu	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 8

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 8

His	Xaa	Glu	Gly	Ser	Phe	Ser	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 9

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 9

His	Xaa	Glu	Gly	Ser	Phe	Ser	Ser	Glu	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20				25					30	

<210> 10

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 10

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Val	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 11

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 11

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Val	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 12
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 12
His Xaa Glu Gly Ser Phe Ser Ser Glu Val Ser Ser Phe Val Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Val Ala Phe Val Val Lys Gly Gly
20 25 30

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 13
His Xaa Gln Gly Ser Phe Thr Ser Asp Lys Ser Glu Phe Leu Asp Ser
1 5 10 15

Glu Arg Ala Arg Asp Phe Val Ala Phe Leu Glu Ala Gly Gly
20 25 30

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 14
His Xaa Gln Gly Ser Phe Thr Ser Asp Phe Ser Lys Phe Leu Asp Ser
1 5 10 15

Arg Arg Ala Gln Asp Phe Val Gln Phe Leu Met Asn Thr
20 25

<210> 15
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 15
Tyr Xaa Glu Gly Ser Phe Ile Ser Asp Phe Ser Ile Ala Met Asp Lys
1 5 10 15

Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Phe	Leu	Leu	Ala	Gln	Lys
			20					25					30

<210> 16
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (8)..(8)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 16	His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
	1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 17
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 17
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 18
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 18
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 19
<211> 30
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (8)..(8)

<223> alpha-Me-Ser

<400> 19

His	Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg
			20					25					30

<210> 20

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (8)..(8)

<223> Aib

<400> 20

His	Xaa	Glu	Gly	Thr	Phe	Thr	Xaa	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg
			20					25					30

<210> 21

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<400> 21
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 22
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Aib

<400> 22
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Xaa Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 23
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES

<222> (8)..(8)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<400> 23
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 24
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

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

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Aib

<400> 24
His Xaa Glu Gly Thr Phe Thr Xaa Asp Val Xaa Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 25
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 25

His	Xaa	Glu	Gly	Ser	Phe	Thr	Gly	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 26

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 26

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ala	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 27

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 27

His	Xaa	Glu	Gly	Ser	Phe	Thr	Asp	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 28

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 28

His	Xaa	Glu	Gly	Ser	Phe	Thr	Glu	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 29

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 29

His	Xaa	Glu	Gly	Ser	Phe	Thr	Thr	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 30

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 30

His	Xaa	Glu	Gly	Ser	Phe	Thr	Val	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20				25					30	

<210> 31

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (31)..(31)

<223> Lys(Epsilon-(PEG)2-(PEG)2-epsilon-gammaGlu-Stearate)

<400> 31

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly	Lys
			20					25					30	

<210> 32

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (31)..(31)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 32

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly	Lys
			20					25					30	

<210> 33

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-(PEG)2-epsilon-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 33

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 34

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 34

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 35

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (31)..(31)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 35

His	Xaa	Glu	Gly	Ser	Phe	Thr	Asp	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly	Lys
			20					25					30	

<210> 36

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-(PEG)2-epsilon-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 36

His	Xaa	Glu	Gly	Ser	Phe	Thr	Asp	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 37
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 37
 His Xaa Glu Gly Ser Phe Thr Asp Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 38
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-epsilon-gammaGlu-Stearate)

<400> 38
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 39
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 39
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 40
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-epsilon-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 40
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 41
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 41
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 42
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 42
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 43
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 43
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Glu Gly Gly
20 25 30

<210> 44
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 44
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Phe Val Val Glu Gly Gly
20 25 30

<210> 45
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 45
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 46
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 46
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 47
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 47
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 48
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 48
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 49
<211> 30
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 49

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 50

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 50
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 51
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
 <222> (20)..(20)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 51
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

<210> 52
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>

<221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

 <400> 52
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

<210> 53
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 53

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 54
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 54
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 55
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 55
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Val Val Lys Gly Gly
20 25 30

<210> 56
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<400> 56

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 57

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

```

<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 57
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Glu Gly Gly
          20          25          30

<210> 58
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 58
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1          5          10          15

Glu Ala Ala Glu Glu Phe Ile Ala Phe Val Val Glu Gly Gly
          20          25          30

```


<210> 59
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 59
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Phe Val Val Glu Gly Gly
20 25 30

<210> 60
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<400> 60

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 61

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<400> 61

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 62

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<400> 62

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 63

<211> 30

<212> PRT

<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 63
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Phe Val Val Glu Gly Gly
20 25 30

<210> 64
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<400> 64
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Glu Gly Gly
20 25 30

<210> 65
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 65
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 66
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 66
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 67
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 67
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 68
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

```

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 68
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
          20          25          30

<210> 69
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 69
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1          5          10          15

```


Glu	Ala	Ala	Ala	Glu	Phe	Ile	Lys	Trp	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 70
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (30)..(30)
 <223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 70

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Lys
			20					25					30

<210> 71
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (29)..(29)
 <223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 71

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Lys Gly
20 25 30

<210> 72
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 72
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 73

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (27)..(27)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 73
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Lys Lys Gly Gly
20 25 30

<210> 74

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 74
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Lys Gly Gly
20 25 30

<210> 75

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 75
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Lys Gly Gly
20 25 30

<210> 76
<211> 30
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 76

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Lys	Phe	Val	Val	Lys	Gly	Gly
			20				25					30	

<210> 77

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (23)..(23)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 77

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Lys	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 78

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 78

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Lys	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 79

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 79
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Lys Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 80
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 80
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 81
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (19)..(19)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 81
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Lys Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 82
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 82
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 83
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 83
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 84
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 84
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 85
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (15)..(15)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 85
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Lys Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 86
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 86
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Lys Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 87
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 87
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 88
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 88
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 89
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (11)..(11)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 89
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Lys Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 90
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 90
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 91
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 91
His Xaa Glu Gly Ser Phe Thr Ser Lys Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 92
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 92
His Xaa Glu Gly Ser Phe Thr Lys Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 93
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 93
His Xaa Glu Gly Ser Phe Lys Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 94
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 94
His Xaa Glu Gly Ser Lys Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 95
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 95
His Xaa Glu Gly Lys Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 96
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 96
His Xaa Glu Lys Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 97
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 97
His Xaa Lys Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 98
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 98
His Lys Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 99
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (30)..(30)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 99
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Lys
20 25 30

<210> 100
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (29)..(29)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 100
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Lys Gly
20 25 30

<210> 101
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 101
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 102
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (27)..(27)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 102
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Lys Lys Gly Gly
 20 25 30

<210> 103
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 103
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Lys Gly Gly
20 25 30

<210> 104
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 104
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Lys Gly Gly
 20 25 30

<210> 105
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

 <400> 105
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Lys Gly Gly
 20 25 30

<210> 106
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (23)..(23)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

 <400> 106
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

 Glu Ala Ala Lys Glu Phe Lys Ala Phe Val Val Lys Gly Gly
 20 25 30

 <210> 107
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

 <220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

 <220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

 <220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

 <220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

 <220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

 <220>

<221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

 <400> 107
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Lys Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

<210> 108
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (21)..(21)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 108
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Lys Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 109
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 109

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 110
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (19)..(19)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 110

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Lys Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 111
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 111

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 112
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 112

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 113
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 113

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 114
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (15)..(15)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 114

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Lys Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 115
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 115

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Lys Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 116
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 116
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly

<210> 117
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 117
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly

<210> 118
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 118
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Lys Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

<210> 119
 <211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 119
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 120
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 120
His Xaa Glu Gly Ser Phe Thr Ser Lys Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 121
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 121
His Xaa Glu Gly Ser Phe Thr Lys Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 122
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 122
His Xaa Glu Gly Ser Phe Lys Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 123
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 123
His Xaa Glu Gly Ser Lys Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 124
<211> 30
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (5)..(5)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 124

His	Xaa	Glu	Gly	Lys	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20				25					30	

<210> 125

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

polypeptide

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 125
His Xaa Glu Lys Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 126
<211> 30
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 126
His Xaa Lys Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 127
<211> 30
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 127
His Lys Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 128
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 128

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 129

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 129
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 130
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

```

<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 130
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
          20          25          30

<210> 131
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES

```

<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-Ahx-Lauroyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 131
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 132
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

<222> (20)..(20)
 <223> Lys(Epsilon-Ahx-Ahx-Lauroyl)

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<400> 132
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

<210> 133
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Lys(Epsilon-Ahx-Ahx-Ahx-Lauroyl)

<220>
 <221> MOD_RES

<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 133
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 134
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-Lauroyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 134
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 135
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Lauroyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

<222> (28)..(28)
<223> alpha-Me-Lys

<400> 135
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 136
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Lauroyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 136
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly

1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 137
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-12-(4-carboxyphenoxy)dodecanoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 137
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 138
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-gammaGlu-12-(4-carboxyphenoxy)dodecanoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 138
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 139
<211> 30
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-12-(4-carboxyphenoxy)dodecanoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 139

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 140

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-Ahx-12-(4-carboxyphenoxy)dodecanoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 140

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10				15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 141

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

```

<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-Ahx-Ahx-12-(4-carboxyphenoxy)dodecanoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 141
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
          20          25          30

<210> 142
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES

```

<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-12-(4-carboxyphenoxy)dodecanoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 142
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 143
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-12-(4-carboxyphenoxy)dodecanoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 143
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 144
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES


```

<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-12-(4-carboxyphenoxy)dodecanoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 144
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
          20          25          30

<210> 145
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

```

<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-12-(4-carboxyphenoxy)dodecanoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 145
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 146
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-Stearoyl)

<220>
<221> MOD_RES

<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 146
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 147
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 147
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 148
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

<222> (28)..(28)
<223> alpha-Me-Lys

<400> 148
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 149
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-Ahx-Stearoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 149
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly

1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 150
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-Ahx-Ahx-Stearoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 150
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 151
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Stearoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 151
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 152
<211> 30
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-Stearoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 152

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 153

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Stearoyl)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 153
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 154
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 154

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 155

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 155

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 156

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-gammaGlu-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 156

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 157

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 157

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 158

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-Ahx-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 158

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 159

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-Ahx-Ahx-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 159

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 160

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-Ahx-Ahx-Ahx-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 160

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 161

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 161

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 162

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-(PEG)2-Stearate)

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> alpha-Me-Lys

<400> 162

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 163
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearate)

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<400> 163
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 164
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-Lauroyl)

<400> 164
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 165
<211> 30
<212> PRT
<213> Artificial Sequence

```

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Lauroyl)

<400> 165
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
          20          25          30

<210> 166
<211> 30
<212> PRT
<213> Artificial Sequence

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

```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Lauroyl)

<400> 166
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 167
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Lauroyl)

<400> 167
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 168
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Lauroyl)

<400> 168
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 169
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Lauroyl)

<400> 169
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 170
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-Lauroyl)

<400> 170
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 171
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Lauroyl)

<400> 171
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 172
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Lauroyl)

<400> 172
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 173
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-Dodecylbenzoate)

<400> 173
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 174
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Dodecylbenzoate)

<400> 174
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 175
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Dodecylbenzoate)

<400> 175
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 176
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Dodecylbenzoate)

<400> 176
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 177
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Dodecylbenzoate)

<400> 177
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 178
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Dodecylbenzoate)

<400> 178
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 179
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-Dodecylbenzoate)

<400> 179
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 180
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Dodecylbenzoate)

<400> 180
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 181
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Dodecylbenzoate)

<400> 181
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 182
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-Stearoyl)

<400> 182
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 183
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Stearoyl)

<400> 183
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 184
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Stearoyl)

<400> 184
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

<210> 185
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> Lys(Epsilon-Ahx-Stearoyl)

<400> 185
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

<210> 186
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Stearoyl)

<400> 186
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 187
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Stearoyl)

<400> 187
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 188
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-Stearoyl)

<400> 188
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 189
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Stearoyl)

<400> 189
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 190

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<400> 190
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 191
<211> 30
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (28)..(28)

<223> Lys(Epsilon-gammaGlu-Stearate)

<400> 191

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly
			20					25					30

<210> 192

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Stearate)

<400> 192
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 193
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Stearate)

<400> 193
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 194
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Stearate)

<400> 194
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 195
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Stearate)

<400> 195
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 196
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Stearate)

<400> 196
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 197
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-Stearate)

<400> 197
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 198
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-Stearate)

 <400> 198
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

 Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
 20 25 30

 <210> 199
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

 <220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

 <220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

 <220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

 <220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

 <220>

<221> MOD_RES
<222> (28)..(28)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearate)

<400> 199
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly
20 25 30

<210> 200
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-Lauroyl)

<400> 200
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 201
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Lauroyl)

<400> 201
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 202
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Glu-Lauroyl)

<400> 202
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 203
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Lauroyl)

<400> 203
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 204
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-Lauroyl)

<400> 204
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 205
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Lauroyl)

<400> 205
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 206
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-Lauroyl)

<400> 206
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 207
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Lauroyl)

<400> 207
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 208
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Lauroyl)

<400> 208
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 209
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-12-(4-carboxyphenoxy)dodecanoyl)

<400> 209
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-gammaGlu-12-(4-carboxyphenoxy)dodecanoyl)

<400> 210
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
 <222> (31)..(31)
 <223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-12-(4-carboxyphenoxy)dodecanoyl)

 <400> 211
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
 20 25 30

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

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-12-(4-carboxyphenoxy)dodecanoyl)

<400> 212
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-12-(4-carboxyphenoxy)dodecanoyl)

<400> 213
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 214
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-12-(4-carboxyphenoxy)dodecanoyl)

<400> 214
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 215
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-12-(4-carboxyphenoxy)dodecanoyl)

<400> 215
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 216
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-12-(4-carboxyphenoxy)dodecanoyl)

<400> 216
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 217
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-12-(4-carboxyphenoxy)dodecanoyl)

<400> 217
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 218
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-Stearoyl)

<400> 218
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 219
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Stearoyl)

<400> 219
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 220
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Stearoyl)

<400> 220
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 221
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Stearoyl)

<400> 221
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 222
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-Stearoyl)

<400> 222
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 223
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Stearoyl)

<400> 223
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 224
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-Stearoyl)

<400> 224
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 225
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Stearoyl)

<400> 225
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 226
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearoyl)

<400> 226
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 227
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-Stearate)

<400> 227
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 228
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-gammaGlu-Stearate)

<400> 228
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 229
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-gammaGlu-gammaGlu-gammaGlu-Stearate)

<400> 229
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 230
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Stearate)

<400> 230
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 231
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-Stearate)

<400> 231
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 232
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-Ahx-Ahx-Ahx-Stearate)

<400> 232
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 233
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (31)..(31)
 <223> Lys(Epsilon-(PEG)2-Stearate)

 <400> 233
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
 20 25 30

<210> 234
 <211> 31
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (28)..(28)
 <223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-Stearate)

<400> 234
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 235
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)
<223> Lys(Epsilon-(PEG)2-(PEG)2-(PEG)2-Stearate)

<400> 235
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Val Val Lys Gly Gly Lys
20 25 30

<210> 236
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 236
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 237
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 237
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 238
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 238
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 239
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 239
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 240
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 240
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 241
<211> 30
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 241

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Lys	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 242

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 242

His	Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 243
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 243
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 244
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 244
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 245
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 245
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 246
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

 <220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

 <400> 246
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
 1 5 10 15

 Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
 20 25 30

<210> 247
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 247
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Phe Val Val Glu Gly Gly
 20 25 30

<210> 248
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 248

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Lys	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 249

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

 <220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

 <400> 249
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
 20 25 30

<210> 250
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 250
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
 20 25 30

<210> 251
 <211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 251
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 252
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

```

<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 252
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1      5      10      15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
      20      25      30

<210> 253
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 253
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1      5      10      15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
      20      25      30

```

<210> 254
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 254
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 255
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

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

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 255

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 256

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (10)..(10)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 256

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Lys	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 257
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 257
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 258
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 258
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 259
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 259
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 260
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 260
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 261
<211> 30
<212> PRT
<213> Artificial Sequence

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

```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 261
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
          20          25          30

<210> 262
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

```



```

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 262
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
          20          25          30

<210> 263
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 263
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

```

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 264
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 264
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 265
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 265
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 266
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 266
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 267
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 267

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 268
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 268
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 269
<211> 30
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (14)..(14)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 269

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Lys	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 270

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (14)..(14)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 270
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
 20 25 30

<210> 271
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (14)..(14)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES

<222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 271
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
 20 25 30

<210> 272
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (14)..(14)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 272
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 273
 <211> 30
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 273

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Lys	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 274

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

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

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 274

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 275

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 275

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Trp	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 276

<211> 30

<212> PRT

<213> Artificial Sequence

```

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 276
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1          5          10          15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
      20          25          30

<210> 277
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

```

<400> 277
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 278
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 278
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 279
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 279
 His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
 1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 280
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 280
 His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
 1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
 20 25 30

<210> 281

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

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 281
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 282
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 282
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 283
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 283
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 284
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 284

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Lys	Trp	Val	Val	Glu	Gly	Gly
			20				25						30

<210> 285

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 285
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 286
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 286
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 287
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 287
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 288
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

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

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 288

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 289

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 289

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Trp	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 290

<211> 30

<212> PRT

<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 290
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 291
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

```

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 291
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

```

```

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

```

```

<210> 292
<211> 30
<212> PRT
<213> Artificial Sequence

```

```

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

```

```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

```

```

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

```

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

```

```

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

```

```

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

```

```

<400> 292
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

```

```

Glu Ala Ala Glu Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
          20          25          30

```

<210> 293
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 293
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 294
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 294
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 295
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 295
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

```

Glu Ala Ala Glu Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 296
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 296
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 297
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

 <220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

 <400> 297
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
 1 5 10 15

 Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
 20 25 30

<210> 298
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 298
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
 1 5 10 15

 Glu Ala Ala Glu Glu Phe Ile Lys Trp Val Val Glu Gly Gly
 20 25 30

<210> 299
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 299

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Lys	Trp	Val	Val	Glu	Gly	Gly
			20				25						30

<210> 300

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 300

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 301
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 301
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 302
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

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

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 302

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Lys	Phe	Val	Val	Glu	Gly	Gly
			20				25						30

<210> 303

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 303

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Lys	Phe	Val	Val	Glu	Gly	Gly
			20				25						30

<210> 304

<211> 30

<212> PRT

<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 304
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 305
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 305
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 306
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 306
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 307
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 307
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 308
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 308
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
          20          25          30

<210> 309
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 309
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1          5          10          15

```


Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 310
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 310
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 311
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 311
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
 20 25 30

<210> 312
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 312

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 313
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 313
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 314
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 314

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Lys	Phe	Val	Val	Glu	Gly	Gly
			20				25						30

<210> 315

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 315
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 316
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 316
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 317
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 317
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 318
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 318

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 319

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 319

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Trp	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 320

<211> 30

<212> PRT

<213> Artificial Sequence

```

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 320
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
 1           5           10           15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
      20           25           30

<210> 321
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

```


<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 321
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 322
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 322
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 323
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 323
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 324
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 324
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1          5          10          15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 325
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 325
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1          5          10          15

```

Glu Ala Ala Xaa Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 326
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 326
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 327
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 327
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 328
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

 <220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Aib

 <220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

 <400> 328
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

 Glu Ala Ala Xaa Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
 20 25 30

 <210> 329
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

 <220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

 <220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

 <220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

 <220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Aib

 <220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

 <400> 329

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 330
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 330
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 331
<211> 30
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 331

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Trp	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 332

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES


```

<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 332
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
          20          25          30

<210> 333
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES

```

<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 333
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 334
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 334
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Trp Lys Val Glu Gly Gly
20 25 30

<210> 335
<211> 30
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>

<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>

<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 335

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Lys	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Lys	Trp	Val	Val	Glu	Gly	Gly
			20				25					30	

<210> 336

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>

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

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (14)..(14)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 336

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Lys	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 337

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (14)..(14)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 337

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Lys	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Trp	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 338

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 338

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Lys	Trp	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 339

<211> 30

<212> PRT

<213> Artificial Sequence

```

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 339
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
 1           5           10           15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
      20           25           30

<210> 340
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

```

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 340
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 341
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 341
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Trp Val Val Glu Gly Gly
20 25 30

<210> 342
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 342
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 343
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe


```

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 343
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1          5          10          15

Glu Ala Ala Xaa Glu Phe Ile Lys Phe Val Val Glu Gly Gly
          20          25          30

<210> 344
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 344
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1          5          10          15

```

Glu Ala Ala Xaa Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 345

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 345

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 346

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 346
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 347
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 347
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 348
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 348
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 349
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES

<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 349
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 350
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 350
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 351
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 351

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 352

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 352

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Glu	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 353
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 353
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 354
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 354
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 355
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 355
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 356
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 356
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 357
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 357
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 358
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 358
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1          5          10          15

```

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 359

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 359

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 360

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 360
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 361
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 361

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 362
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 362
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 363
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 363

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 364

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 364
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 365
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 365
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 366
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 366
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 367
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 367

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 368

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 368

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Phe	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 369

<211> 30

<212> PRT

<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 369
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Phe Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 370
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 370
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 371
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 371
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 372
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 372
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 373
<211> 30
<212> PRT
<213> Artificial Sequence

```

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<400> 373
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1      5      10      15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
      20      25      30

<210> 374
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 374
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 375
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 375
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 376
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 376
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 377
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 377
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 378
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<220>

<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<400> 378
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 379
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 379
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Glu Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 380
<211> 30
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 380

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 381

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 381
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 382
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> Aib

<220>
 <221> MOD_RES

<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 382
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 383
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Aib

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<400> 383
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Xaa Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 384
<211> 30
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Aib

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 384

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 385

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-gammaGlu-Lauroyl)

<400> 385

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 386

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-gammaGlu-Myristoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-gammaGlu-Myristoyl)

<400> 386

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 387

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 387

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 388
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Stearoyl)

<400> 388
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 389
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Lauroyl)

<400> 389
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 390
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Myristoyl)

<400> 390
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 391
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitoyl)

<400> 391
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 392
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Stearoyl)

<400> 392
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 393
<211> 30
<212> PRT
<213> Artificial Sequence

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

```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Lauroyl)

<400> 393
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 394
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

```

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Myristoyl)

<400> 394
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 395
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 395
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 396
<211> 30
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-gammaGlu-Stearoyl)

<400> 396

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 397

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

 <220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Lauroyl)

 <400> 397
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 398
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Myristoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Myristoyl)

<400> 398
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 399
 <211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitoyl)

<400> 399
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 400
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES


```

<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Stearoyl)

<400> 400
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 401
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 401
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

```

<210> 402
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 402
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 403
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

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

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 403

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 404

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 404

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 405

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 405

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 406

<211> 30

<212> PRT

<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> Tyr(OMe)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 406
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Tyr Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 407
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> Nle

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 407
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Xaa Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 408
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristoyl)

<400> 408
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 409
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitoyl)

<400> 409
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 410
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearoyl)

<400> 410
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 411
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Laurate)

<400> 411
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 412
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Myristate)

<400> 412
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 413
<211> 30
<212> PRT
<213> Artificial Sequence

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

```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Palmitate)

<400> 413
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 414
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

```

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Stearate)

<400> 414
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 415
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Lauroyl)

```

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Lauroyl)

<400> 415
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 416
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Myristoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Myristoyl)

 <400> 416
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 417
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitoyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitoyl)

<400> 417
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 418

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-gammaGlu-Stearoyl)

<400> 418

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 419

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-gammaGlu-Laurate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-gammaGlu-Laurate)

<400> 419

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 420

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Myristate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Myristate)

<400> 420
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 421
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Palmitate)

<400> 421
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 422
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>

<221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-gammaGlu-Stearate)

<400> 422
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 423
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-gammaGlu-Lauroyl)

<400> 423

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 424
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Myristoyl)

<400> 424
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 425
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Palmitoyl)

<400> 425
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 426
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-gammaGlu-Stearoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-gammaGlu-Stearoyl)

<400> 426

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 427

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

```

<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Laurate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Laurate)

<400> 427
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 428
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Myristate)

<220>
<221> MOD_RES

```

<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Myristate)

<400> 428
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 429
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Palmitate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES

<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Palmitate)

<400> 429
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 430
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-gammaGlu-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-gammaGlu-Stearate)

<400> 430
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 431
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-Lauroyl)

<400> 431
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 432
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-Myristoyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-Myristoyl)

<400> 432
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 433
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

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

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-Palmitoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-Palmitoyl)

<400> 433

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 434

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-Stearoyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-Stearoyl)

<400> 434

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 435

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-Laurate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-Laurate)

<400> 435

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 436

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-Myristate)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (22)..(22)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-Myristate)

<400> 436

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 437
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-Palmitate)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-Palmitate)

<400> 437
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 438
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-Stearate)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-Stearate)

<400> 438
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 439
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 439
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 440
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 440
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 441
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 441
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 442
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 442
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Lys Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 443
<211> 30
<212> PRT
<213> Artificial Sequence

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

```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 443
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Lys
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20          25          30

<210> 444
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

```

<220>
 <221> MOD_RES
 <222> (17)..(17)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 444
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
 1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
 20 25 30

<210> 445
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (18)..(18)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 445
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 446
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 446
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Lys Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 447
<211> 30
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (13)..(13)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (16)..(16)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 447

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Lys	Leu	Glu	Lys
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Lys	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 448

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 448
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 449
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>

<221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

 <220>
 <221> MOD_RES
 <222> (18)..(18)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

 <220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

 <220>
 <221> MOD_RES
 <222> (24)..(24)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

 <400> 449
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

 Glu Lys Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
 20 25 30

 <210> 450
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

 <220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

 <220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

 <220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

 <220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

 <220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

 <220>

```

<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 450
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Lys Phe Ile Lys Phe Val Val Glu Gly Gly
          20          25          30

<210> 451
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 451

```

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 452
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 452
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 453
<211> 30

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (24)..(24)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 453
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Lys Phe Val Val Glu Gly Gly
20 25 30

<210> 454
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (14)..(14)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (21)..(21)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (24)..(24)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 454

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Lys	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Lys	Phe	Ile	Lys	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 455

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

```

<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 455
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Lys
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 456
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES

```

<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 456
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 457
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 457
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 458
<211> 30
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (10)..(10)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (21)..(21)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 458

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Lys	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10				15		

Glu	Ala	Ala	Lys	Lys	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 459

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (16)..(16)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 459

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Lys
1				5				10					15		

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 460

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (17)..(17)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 460

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Lys	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 461

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (18)..(18)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (25)..(25)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 461

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Lys	Ala	Lys	Glu	Phe	Ile	Ala	Lys	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 462
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 462
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Lys Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 463
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 463
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 464
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (17)..(17)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (25)..(25)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 464
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
 20 25 30

<210> 465
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (18)..(18)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 465
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 466
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 466
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Lys Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 467
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 467
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 468
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 468
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
20 25 30

<210> 469
<211> 30
<212> PRT
<213> Artificial Sequence

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


```

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 469
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

Glu Lys Ala Lys Glu Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 470
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

```

```

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (25)..(25)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 470
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

Glu Ala Ala Lys Lys Phe Ile Ala Lys Val Val Glu Gly Gly
          20          25          30

<210> 471
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

```

```

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 471
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Lys
1          5          10          15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
          20          25          30

<210> 472
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 472
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1          5          10          15

```

Lys Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 473
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 473
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 474
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 474
His Xaa Glu Gly Ser Phe Thr Ser Asp Lys Ser Ser Tyr Leu Glu Gly
1 5 10 15

Glu Ala Ala Lys Lys Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 475
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES
 <222> (16)..(16)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 475
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Lys
 1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
 20 25 30

<210> 476
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (12)..(12)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (17)..(17)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 476

His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 477
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (18)..(18)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 477
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Lys Tyr Leu Glu Gly
1 5 10 15

Glu Lys Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 478
<211> 30
<212> PRT
<213> Artificial Sequence

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

polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (12)..(12)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (21)..(21)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 478

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Lys	Tyr	Leu	Glu	Gly
1				5				10					15		

Glu	Ala	Ala	Lys	Lys	Phe	Ile	Ala	Phe	Lys	Val	Glu	Gly	Gly
			20					25					30

<210> 479

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 479
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 480
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES

<222> (17)..(17)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 480
 His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
 1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
 20 25 30

<210> 481
 <211> 30
 <212> PRT
 <213> Artificial Sequence

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

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> Aib

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> alpha-Me-Phe

<220>
 <221> MOD_RES
 <222> (11)..(11)
 <223> alpha-Me-Ser

<220>
 <221> MOD_RES
 <222> (13)..(13)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (18)..(18)
 <223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
 <221> MOD_RES
 <222> (20)..(20)
 <223> alpha-Me-Lys

<220>
 <221> MOD_RES

```

<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 481
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Lys Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
          20          25          30

<210> 482
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 482
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Lys Leu Glu Gly
1          5          10          15

Glu Ala Ala Lys Lys Phe Ile Ala Phe Lys Val Glu Gly Gly
          20          25          30

```

<210> 483
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 483
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Lys
1 5 10 15

Glu Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 484
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (11)..(11)
<223> alpha-Me-Ser

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (17)..(17)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 484
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1 5 10 15

Lys Ala Ala Lys Glu Phe Ile Ala Phe Lys Val Glu Gly Gly
20 25 30

<210> 485
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

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

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (14)..(14)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (18)..(18)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> MOD_RES

<222> (26)..(26)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 485

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Lys	Glu	Gly
1				5				10					15		

Glu	Lys	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Lys	Val	Glu	Gly	Gly
		20					25					30	

<210> 486

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (6)..(6)

<223> alpha-Me-Phe

<220>

<221> MOD_RES

<222> (11)..(11)

<223> alpha-Me-Ser

<220>

<221> MOD_RES

<222> (14)..(14)

```

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (21)..(21)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<220>
<221> MOD_RES
<222> (26)..(26)
<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-Lauroyl)

<400> 486
His Xaa Glu Gly Ser Phe Thr Ser Asp Val Ser Ser Tyr Lys Glu Gly
1          5          10          15

Glu Ala Ala Lys Lys Phe Ile Ala Phe Lys Val Glu Gly Gly
          20          25          30

<210> 487
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> VARIANT
<222> (10)..(10)
<223> /replace="lipid modified Lys"

<220>
<221> VARIANT
<222> (11)..(11)
<223> /replace="alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (12)..(12)
<223> /replace="lipid modified Lys"

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

```

<223> /replace="lipid modified Lys"

<220>

<221> VARIANT

<222> (14)..(14)

<223> /replace="lipid modified Lys"

<220>

<221> VARIANT

<222> (16)..(16)

<223> /replace="lipid modified Lys"

<220>

<221> VARIANT

<222> (17)..(17)

<223> /replace="lipid modified Lys"

<220>

<221> VARIANT

<222> (18)..(18)

<223> /replace="lipid modified Lys"

<220>

<221> MOD_RES

<222> (20)..(20)

<223> alpha-Me-Lys

<220>

<221> VARIANT

<222> (21)..(21)

<223> /replace="lipid modified Lys"

<220>

<221> VARIANT

<222> (24)..(24)

<223> /replace="lipid modified Lys"

<220>

<221> VARIANT

<222> (25)..(25)

<223> /replace="lipid modified Lys"

<220>

<221> VARIANT

<222> (26)..(26)

<223> /replace="lipid modified Lys"

<400> 487

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Glu	Gly	Gly
			20					25					30

<210> 488

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<400> 488
His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 489
<211> 31
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Aib

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (13)..(13)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (20)..(20)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (22)..(22)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (25)..(25)
<223> alpha-Me-Phe

<220>
<221> MOD_RES
<222> (28)..(28)
<223> alpha-Me-Lys

<220>
<221> MOD_RES
<222> (31)..(31)

<223> Lys(Epsilon-Palmitoyl)

<400> 489

His	Xaa	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Phe	Leu	Glu	Gly
1				5					10					15	

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Phe	Val	Val	Lys	Gly	Gly	Lys
			20					25					30	

<210> 490

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-gammaGlu-palmitoyl)

<400> 490

His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Arg	Gly	Arg	Gly
			20					25					30	

<210> 491

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polypeptide

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Aib

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Lys(Epsilon-(PEG)2-(PEG)2-gammaGlu-stearate)

<400> 491

His	Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Arg	Gly	Arg	Gly
			20					25					30	

<210> 492
<211> 30
<212> PRT
<213> Artificial Sequence

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

<220>
<221> VARIANT
<222> (2)..(2)
<223> /replace="Aib"

<220>
<221> VARIANT
<222> (6)..(6)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (11)..(11)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (12)..(12)
<223> /replace="any lipid modified Lys" or "any lipid modified Cys"

<220>
<221> VARIANT
<222> (13)..(13)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (20)..(20)
<223> /replace="any lipid modified Lys" or "any lipid modified Cys" or "any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (22)..(22)
<223> /replace="any alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (24)..(24)
<223> /replace="any lipid modified Lys" or "any lipid modified Cys"

<220>
<221> VARIANT
<222> (25)..(25)
<223> /replace="alpha-methyl functionalized amino acid"

<220>
<221> VARIANT
<222> (28)..(28)
<223> /replace="Glu" or "any alpha-methyl functionalized amino acid"

<220>
<221> misc_feature

<222> (1)..(30)

<223> /note="Variant residues given in the sequence have no preference with respect to those in the annotations for variant positions"

<220>

<221> source

<223> /note="See specification as filed for detailed description of substitutions and preferred embodiments"

<400> 492

His	Ala	Glu	Gly	Ser	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Glu	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Val	Val	Lys	Gly	Gly
			20					25					30