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<110> PharmaIN Corporation

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<160> 35

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<220>
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<223> Wherein X at position 3 is defined as homoglutamine

<220>
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<222> (7)..(7)
<223> Wherein X at position 7 is defined as any one of L-Lysine, D-Lysine, L-Ornithine, D-Ornithine, L-Diaminobutyric acid, D-Diaminobutyric acid, L-Diaminopimelic acid, [cont.]

<220>
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<223> [cont.] or D-Diaminopimelic acid, and wherein from 0 to 10 amino acid residues selected independently at each occurrence from Gly, L-Ala, D-Ala, L-Lys, D-Lys, L-Orn, D-Orn, L-Glu, D-Glu, [cont.]

<220>
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<223> [cont] L-Asp, and D-Asp is attached to the R group of the amino acid; or attached to the R group of the amino acid is from 1 to 3 moieties selected independently at each [cont.]

<220>
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<223> [cont.] occurrence from a moiety derived from a non-alpha primary amino group-containing a C3-12 fatty acid

<400> 1

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 2
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<223> Wherein X at position 7 is defined as any one of L-Lysine, D-Lysine, L-Ornithine, D-Ornithine, L-Diaminobutyric acid, D-Diaminobutyric acid, L-Diaminopimelic acid, [cont.]

<220>
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<222> (7)..(7)
<223> [cont.] or D-Diaminopimelic acid, and wherein from 0 to 10 amino acid residues selected independently at each occurrence from Gly, L-Ala, D-Ala, L-Lys, D-Lys, L-Orn, D-Orn, L-Glu, D-Glu, [cont.]

<220>
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<223> [cont] L-Asp, and D-Asp is attached to the R group of the amino acid; or attached to the R group of the amino acid is from 1 to 3 moieties selected independently at each [cont.]

<220>
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<223> [cont.] occurrence from a moiety derived from a non-alpha primary amino group-containing a C3-12 fatty acid

<400> 2

Xaa Phe Gln Asn Cys Pro Xaa Gly

1 5

<210> 3
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<220>
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<400> 3

Xaa Tyr Phe Gln Asn Cys Pro Lys Gly
1 5

<210> 4
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<222> (7)..(7)
<223> Wherein X at position 7 is defined as Lys with from 0 to 5 amino acid residues selected independently at each occurrence from Gly, L-Ala, D-Ala, L-Lys, D-Lys, L-Orn, D-Orn, L-Glu, D-Glu, L-Asp and D-Asp attached to R group

<400> 4

Xaa Phe Gln Asn Cys Pro Xaa Gly
1 5

<210> 5
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<220>
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<222> (7)..(7)
<223> Wherein X at position 7 is defined as Lys with 0, 3, 6, or 9 Gly residues attached to R group

<400> 5

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 6
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<223> Wherein X at position 7 is defined as Lys with 6 or 9 Gly residues attached to R group

<400> 6

Xaa Phe Gln Asn Cys Pro Xaa Gly
1 5

<210> 7
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<212> PRT
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<400> 7

Xaa Cys Tyr Phe Gln Asn Cys Pro Lys Gly
1 5 10

<210> 8
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<400> 8

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1 5

<210> 9
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<400> 9

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

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<223> Wherein X at position 3 is defined as homoglutamine

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<222> (7)..(7)
<223> Wherein X at position 7 is defined as Lys with 3 Gly residues attached to R group

<400> 10

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 11
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<223> Wherein X at position 3 is defined as homoglutamine

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<400> 11

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 12
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<223> Wherein X at position 3 is defined as homoglutamine

<220>
<221> MISC_FEATURE
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<223> Wherein X at position 7 is defined as Lys with 5 Gly residues attached to R group

<400> 12

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 13
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<223> Wherein X at position 7 is defined as Lys with 6 Gly residues attached to R group

<400> 13

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 14
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<222> (3)..(3)
<223> Wherein X at position 3 is defined as homoglutamine

<220>
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<223> Wherein X at position 7 is defined as Lys with 7 Gly residues attached to R group

<400> 14

Xaa Phe Xaa Asn Cys Pro Xaa Gly
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<210> 15
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<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Wherein X at position 7 is defined as Lys with 8 Gly residues attached to R group

<400> 15

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 16
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<220>
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<400> 16

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 17
<211> 8
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<220>
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<220>
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<223> Wherein X at position 3 is defined as homoglutamine

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Wherein X at position 7 is defined as diaminopimelic acid

<400> 17

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 18
<211> 8
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<220>
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<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Wherein X at position 3 is defined as homoglutamine

<400> 18

Xaa Phe Xaa Asn Cys Pro Lys Gly
1 5

<210> 19
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<400> 19

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 20
<211> 8
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<220>
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<222> (7)..(7)
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<400> 20

Xaa Phe Gln Asn Cys Pro Xaa Gly
1 5

<210> 21
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<220>
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<222> (7)..(7)
<223> Wherein X at position 7 is defined as Lys with 7 Gly residues attached to R group

<400> 21

Xaa Phe Gln Asn Cys Pro Xaa Gly
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<210> 22
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derivatized to a Tyr residue

<220>
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<400> 22

Xaa Phe Gln Asn Cys Pro Xaa Gly
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<210> 23
<211> 8
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<220>
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Xaa Phe Gln Asn Cys Pro Xaa Gly
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<210> 24
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<220>
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<223> Wherein X at position 7 is defined as Lys with 0 to 10 amino acid residues selected independently at each occurrence from Gly, L-Ala, D-Ala, L-Lys, D-Lys, L-Orn, D-Orn, L-Glu, D-Glu, L-Asp, and D-Asp attached to R group

<400> 24

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 25
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<220>
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<400> 25

Xaa Phe Xaa Asn Cys Pro Lys Gly
1 5

<210> 26
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<220>
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<223> Wherein X at position 3 is defined as homoglutamine

<220>
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<222> (7)..(7)
<223> Wherein X at position 7 is defined as Lys with 9 Gly residues attached to R group and the distal Gly residue is acetylated

<400> 26

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 27
<211> 8
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<220>
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<223> Wherein X at position 3 is defined as homoglutamine

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Xaa Phe Xaa Asn Cys Pro Xaa Gly
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<210> 28
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<220>
<221> MISC_FEATURE
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<223> Wherein X at position 7 is defined as Lys with acetyl moiety attached to R group

<400> 28

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<210> 29
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<222> (3)..(3)
<223> Wherein X at position 3 is defined as homoglutamine

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Wherein X at position 7 is defined as Lys with diaminopimelic acid attached to R group

<400> 29

Xaa Phe Xaa Asn Cys Pro Xaa Gly
1 5

<210> 30
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<223> Wherein X at position 3 is defined as homoglutamine

<220>
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<210> 31
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<220>
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<400> 31

Xaa Phe Xaa Asn Cys Pro Xaa Gly
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<210> 32
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<400> 32

Xaa Phe Gln Asn Cys Pro Lys Gly
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<210> 33
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<400> 33

Xaa Phe Gln Asn Cys Pro Xaa Gly
1 5

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<400> 34

Cys Arg Ala Val Lys Tyr
1 5

<210> 35
<211> 5
<212> PRT
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<220>
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<400> 35

Asp Asp Ala Val Pro
1 5