

Sequence Listing

<110> University of Warsaw

<120> Antibacterial lipopeptides, pharmaceutical composition and cosmetic composition comprising them, and uses

<130> 17P46496PL00

<160> 4

<170> BiSSAP 1.3.6

<210> 1

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Linear synthetic lipopeptide of general formula
X1-Dab-X2-X3-Dab-Dab-X4-NH₂, wherein X1 is FA-DDab-Dab

<220>

<221> MUTAGEN

<222> 1..1

<223> X is D-Dab with the fatty acid residue attached

<220>

<221> VARIANT

<222> 2..2

<223> X is Dab

<220>

<221> VARIANT

<222> 3..3

<223> X is Dab

<220>

<221> VARIANT

<222> 4..4

<223> X is Leu, Ile, Ala or Val

<220>

<221> VARIANT

<222> 5..5

<223> X is D-Phe, D-Tyr or D-Trp

<220>

<221> VARIANT

<222> 6..6

<223> X is Dab

<220>

<221> VARIANT
<222> 7..7
<223> X is Dab

<220>
<221> VARIANT
<222> 8..8
<223> X is Leu, Ile, Ala or Val

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

<210> 2
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Linear synthetic lipopeptide of general formula
X1-Dab-X2-X3-Dab-Dab-X4-NH₂, wherein X1 is FA-DDab-Dab

<220>
<221> MUTAGEN
<222> 1..1
<223> X is D-Dab with the fatty acid residue attached

<220>
<221> VARIANT
<222> 2..2
<223> X is Dab

<220>
<221> VARIANT
<222> 3..3
<223> X is Dab

<220>
<221> VARIANT
<222> 5..5
<223> X is D-Phe

<220>
<221> VARIANT
<222> 6..6
<223> X6 is Dab

<220>
<221> VARIANT
<222> 7..7
<223> X is Dab

<400> 2

Xaa Xaa Xaa Leu Xaa Xaa Xaa Leu
1 5

<210> 3

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic branched lipopeptide of general formula
X1-Dab-X2-X3-Dab-Dab-X4-NH₂, wherein X1 is H-Dab(FA-DDab)

<220>

<221> VARIANT

<222> 1..1

<223> X is H-Dab

<220>

<221> MUTAGEN

<222> 2..2

<223> X is D-Dab with the fatty acid residue attached

<220>

<221> VARIANT

<222> 3..3

<223> X is Dab

<220>

<221> VARIANT

<222> 4..4

<223> X is Leu, Ile, Ala or Val

<220>

<221> VARIANT

<222> 5..5

<223> X is D-Phe, D-Tyr or D-Trp

<220>

<221> VARIANT

<222> 6..6

<223> X is Dab

<220>

<221> VARIANT

<222> 7..7

<223> X is Dab

<220>

<221> VARIANT

<222> 8..8

<223> X is Leu, Ile, Ala or Val

<400> 3

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 4

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic branched lipopeptide of general formula
X1-Dab-X2-X3-Dab-Dab-X4-NH₂, wherein X1 is H-Dab(FA-DDab)

<220>

<221> VARIANT

<222> 1..1

<223> X is H-Dab

<220>

<221> MUTAGEN

<222> 2..2

<223> X is D-Dab with the fatty acid residue attached

<220>

<221> VARIANT

<222> 3..3

<223> X is Dab

<220>

<221> VARIANT

<222> 5..5

<223> X is D-Phe, D-Tyr or D-Trp

<220>

<221> VARIANT

<222> 6..6

<223> X is Dab

<220>

<221> VARIANT

<222> 7..7

<223> X is Dab

<400> 4

Xaa Xaa Xaa Leu Xaa Xaa Xaa Leu
1 5