

-continued

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Cys His Leu Asp Ile Ile Trp  
1 5

<210> SEQ ID NO 2  
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<213> ORGANISM: Artificial Sequence  
<220> FEATURE:  
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Cys Gly Tyr Trp Gly Asp Ile Met Gly Glu Trp Gly Asp Glu Ile Phe  
1 5 10 15

Gly Glu Ile Ala Gly Phe Leu Gly  
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<210> SEQ ID NO 3  
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<222> LOCATION: (1)..(1)  
<223> OTHER INFORMATION: 1,2-dioleoyl-sn-glycero-3-succinate conjugated to cysteine  
  
<400> SEQUENCE: 3

Cys His Leu Asp Ile Ile Trp  
1 5

<210> SEQ ID NO 4  
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<223> OTHER INFORMATION: 1,2-dioleoyl-sn-glycero-3-succinate conjugated to cysteine  
  
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Cys Gly Tyr Trp Gly Asp Ile Met Gly Glu Trp Gly Asp Glu Ile Phe  
1 5 10 15

Gly Glu Ile Ala Gly Phe Leu Gly  
20

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What is claimed is:

1. An isolated and purified peptide comprising the amino acid sequence selected from the group consisting of:

(a) Cys-Gly-Tyr-Trp-Gly-Asp-Ile-Met-Gly-Glu-Trp-Gly-Asp-Glu-Ile-Phe-Gly-Glu-Ile-Ala-Gly-Phe-Leu-Gly (SEQ ID NO: 2);

(b) 1,2-dioleoyl-sn-glycero-3-succinate-Cys-His-Leu-Asp-Ile-Ile-Trp (SEQ ID NO: 3); and

(c) 1,2-dioleoyl-sn-glycero-3-succinate-Cys-Gly-Tyr-Trp-Gly-Asp-Ile-Met-Gly-Glu-Trp-Gly-Asp-Glu-Ile-Phe-Gly-Glu-Ile-Ala-Gly-Phe-Leu-Gly (SEQ ID NO:3).

2. The isolated and purified peptide according to claim 1, which is 1,2-dioleoyl-sn-glycero-3-succinate-Cys-His-Leu-Asp-Ile-Ile-Trp (SEQ ID NO: 3).

3. The isolated and purified peptide according to claim 1, which is 1,2-dioleoyl-sn-glycero-3-succinate-Cys-Gly-Tyr-Trp-Gly-Asp-Ile-Met-Gly-Glu-Trp-Gly-Asp-Glu-Ile-Phe-Gly-Glu-Ile-Ala-Gly-Phe-Leu-Gly (SEQ ID NO:4).

4. A liposome comprising at least one peptide according to claim 1.

5. The liposome according to claim 4, which comprises 1,2-dioleoyl-sn-glycero-3-succinate-Cys-His-Leu-Asp-Ile-Ile-Trp (SEQ ID NO:3).