Σ-Glycine-B-(Oic-Tic-X—Z-Oic-Tic-X-J)$_n$-Oic-Tic-Π-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Tic-X-J-Oic-Tic-X—Z)$_n$-Oic-Tic-Π-J-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Tic-X—Z-Oic-Tic-X-J)$_n$-Oic-Tic-Π-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-B-(Oic-Tic-X—Z-Oic-Tic-X-J)$_n$-Oic-Tic-Π-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Tic-X-J-Tic-Tic-X—Z)$_n$-Tic-Tic-Π-J-Tic-U$_m$—CONH—(CH$_2$)$_k$—NH$_2$

Σ-Glycine-O-(Oic-Tic-X-J-Oic-Tic-X—Z)$_n$-Tic-Π-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Tic-X-J-Oic-Tic-X—Z)$_n$-Tic-Π-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Tic-X—Z-Oic-Tic-X-J)$_n$-Tic-Π-U$_m$—CONH$_2$,

Σ-Glycine-O-(Oic-Tic-X—Z-Oic-Tic-X-J)$_n$-Tic-Π-U$_m$—CONH$_2$,

Σ-Glycine-O-(Oic-Tic-Z-Oic-Tic-X-J)$_n$-Oic-Tic-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-B-(Oic-Tic-Z-Oic-tic-J)$_n$-Oic-Tic-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Oic-X-J-Oic-Oic-X—Z)$_n$-Oic-Oic-Π-J-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Oic-X—Z-Oic-Oic-X-J)$_n$-Oic-Oic-Π-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-B-(Oic-Oic-X—Z-Oic-Oic-X-J)$_n$-Oic-Oic-Π-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Oic-X-J-Oic-Oic-X—Z)$_n$-Oic-Oic-Π-J-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Oic-X—Z-Oic-Oic-X-J)$_n$-Oic-Oic-Π-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-B-(Oic-Oic-X—Z-Oic-Oic-X-J)$_n$-Oic-Oic-Π-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Oic-X-J-Oic-Oic-X—Z)$_n$-Oic-Oic-Π-J-Tic-U$_m$—CONH—(CH$_2$)$_k$—NH$_2$

Glycine-O-(Oic-Oic-X-J-Oic-Oic-X—Z)$_n$-Tic-Π-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Oic-X-J-Oic-Oic-X—Z)$_n$-Tic-Π-U$_m$—CONH$_2$

Σ-Glycine-O-(Oic-Oic-X—Z-Oic-Oic-X-J)$_n$-Tic-Π-U$_m$—CONH$_2$,

Σ-Glycine-O-(Oic-Oic-X—Z-Oic-Oic-X-J)$_n$-Tic-Π-U$_m$—CONH$_2$,

Σ-Glycine-O-(Oic-Oic-Z-Oic-Oic-J)$_n$-Oic-Oic-Z-Tic-U$_m$—CONH$_2$

Σ-Glycine-B-(Oic-Oic-Z-Oic-tic-J)$_n$-Oic-Oic-Z-Tic-U$_m$—CONH$_2$

Σ-U$_m$-Glycine-O-(Tic-Tic-X-J-Tic-Tic-X—Z)$_n$-Tic-Oic-Π-J-Tic-CONH$_2$

Σ-U$_m$-Glycine-O-(Tic-Tic-X—Z-Tic-Tic-X-J)$_n$-Tic-Oic-Π-Z-Tic-CONH$_2$

Σ-U$_m$-Glycine-B-(Tic-Tic-X—Z-Tic-Tic-X-J)$_n$-Tic-Oic-Π-Z-Tic-CONH$_2$

Σ-U$_m$-Glycine-O-(Tic-Tic-X-J-Tic-Tic-X—Z)$_n$-Tic-Oic-Π-J-Tic-CONH$_2$

Σ-U$_m$-Glycine-O-(Tic-Tic-X—Z-Tic-Tic-X-J)$_n$-Tic-Oic-Π-Z-Tic-CONH$_2$

Σ-U$_m$-Glycine-B-(Tic-Tic-X—Z-Tic-Tic-X-J)$_n$-Tic-Oic-Π-Z-Tic-CONH$_2$,

Σ-U$_m$-Glycine-O-(Tic-Tic-X-J-Tic-Tic-X—Z)$_n$-Tic-Oic-Π-J-Tic-CONH—(CH$_2$)$_k$—NH$_2$

Σ-U$_m$-Glycine-O-(Tic-Tic-X-J-Tic-Tic-X—Z)$_n$-Tic-Π-CONH$_2$

Σ-U$_m$-Glycine-O-(Tic-Tic-X-J-Tic-Tic-X—Z)$_n$-Oic-Π-CONH$_2$

Σ-U$_m$-Glycine-O-(Tic-Tic-X—Z-Tic-Tic-X-J)$_n$-Tic-Π-CONH$_2$ and

Σ-U$_m$-Glycine-O-(Tic-Tic-X—Z-Tic-Tic-X-J)$_n$-Oic-Π-CONH$_2$.

14. The method of claim **13**, wherein the at least one synthetic antimicrobial peptide is Ac-GF-Tic-Tic-GK-Tic-Tic-GF-Tic-Tic-GK-Tic-KKKK—CONH$_2$ (SEQ ID NO:42) or Ac-GF-Oic-Tic-GK-Oic-Tic-GF-Oic-Tic-GK-Tic-KKKK—CONH$_2$ (SEQ ID NO:44) or Ac-KKKK-GF-Tic-Tic-GK-Tic-Tic-GF-Tic-Tic-GK-Tic-CONH$_2$ (SEQ ID NO:57), or a combination of these.

15. A method for treating infection by *Bacillus anthracis* or *Yersinia pestis* (plague), comprising the step of administering to a mammal suspected of infection by *Bacillus anthracis* or *Yersinia pestis* (plague), a pharmaceutically effective amount of one of the synthetic antimicrobial peptides NH$_2$—KL-Tic-Oic-K-Tic-Oic-F-Tic-Oic-K-Tic-Oic-F-Tic-Oic-K-Tic-Oic-KR—CONH$_2$, (SEQ ID NO:**9**)

Ac-GF-Tic-GK-Tic-GF-Tic-GK-Tic-KKKK—CONH$_2$, (SEQ ID NO:**19**)

Ac-βAla-F-Tic-Oic-βAla-K-Tic-Oic-βAla-F-Tic-Oic-βAla-K-Tic-KKKK—CONH$_2$, SEQ ID NO:**23**)

Ac-G-Fpa-Tic-Oic-GK-Tic-Oic-G-Fpa-Tic-Oic-GK-Tic-KKKK—CONH$_2$, (SEQ ID NO:29)

Ac-GF-Tic-Oic-G-Orn-Tic-Oic-GF-Tic-Oic-G-Orn-Tic-Orn-Orn-Orn-Orn-CONH$_2$, (SEQ ID NO:30)

Ac-GF-Tic-Oic-GK-Tic-Oic-GF-Tic-Oic-GK-Tic-βA-KKKK—CONH$_2$, (SEQ ID NO:35)

Ac-GF-Tic-Oic-GK-Tic-Oic-GF-Tic-Oic-GK-Tic-Gaba-KKKK—CONH$_2$, (SEQ ID NO:36)

Ac-GF-Tic-Oic-GK-Tic-Oic-GF-Tic-Oic-GK-Tic-Ahx-KKKK—CONH$_2$, (SEQ ID NO:37)

Ac-GF-Tic-Oic-G-Dab-Tic-Oic-GF-Tic-Oic-G-Dab-Tic-Dab-Dab-Dab-Dab-CONH$_2$, (SEQ ID NO:38)

Thi-GF-Tic-Oic-GK-Tic-Oic-GF-Tic-Oic-GK-Tic-KKKK—CONH$_2$, (SEQ ID NO:39)

Ac-GF-Tic-Oic-GW-Tic-Oic-GF-Tic-Oic-GW-Tic-KKKK—CONH$_2$, (SEQ ID NO:40)

Ac-GF-Tic-Tic-GK-Tic-Tic-GF-Tic-Tic-GK-Tic-KKKK—CONH$_2$, (SEQ ID NO:42)

Ac-G-Cph-Tic-Oic-GK-Tic-Oic-G-Cph-Tic-Oic-GK-Tic-KKKK—CONH$_2$, (SEQ ID NO:43)

or a combination of these.

16. The method of claim **15**, wherein the antimicrobial peptide exhibits less hemolytic activity than naturally occurring non-selective antimicrobial peptides.

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