

-continued

$\Sigma$ -Glycine-O-(Tic-Tic-X-Z-Tic-Tic-X-J)<sub>n</sub>-Tic-II-U<sub>m</sub>-CONH<sub>2</sub>,

$\Sigma$ -Glycine-O-(Tic-Tic-X-Z-Tic-Tic-X-J)<sub>n</sub>-Tic-II-U<sub>m</sub>-CONH<sub>2</sub>.

$\Sigma$ -Glycine-O-(Tic-Tic-Z-Tic-Tic-J)<sub>n</sub>-Tic-Tic-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>  
and

$\Sigma$ -Glycine-B-(Tic-Tic-Z-Tic-tic-J)<sub>n</sub>-Tic-Tic-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

**[0011]** An example of a compound that falls within this set of formulae is Compound 59, which is described below.

**[0012]** Another preferred embodiment of the AMPs is encompassed by the following formulae, which are referred to as the "Oic-Tic analogs". As shown below, these analogs exhibit greater selectivity for *Mycobacterium ranae*, compared to Gram positive and Gram negative bacteria.

$\Sigma$ -Glycine-O-(Oic-Tic-X-J-Oic-Tic-X-Z)<sub>n</sub>-Oic-Tic-II-J-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Tic-X-Z-Oic-Tic-X-J)<sub>n</sub>-Oic-Tic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-B-(Oic-Tic-X-Z-Oic-Tic-X-J)<sub>n</sub>-Oic-Tic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Tic-X-J-Oic-Tic-X-Z)<sub>n</sub>-Oic-Tic-II-J-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Tic-X-Z-Oic-Tic-X-J)<sub>n</sub>-Oic-Tic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-B-(Oic-Tic-X-Z-Oic-Tic-X-J)<sub>n</sub>-Oic-Tic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Tic-X-J-Tic-Tic-X-Z)<sub>n</sub>-Tic-Tic-II-J-Tic-U<sub>m</sub>-CONH-

(CH<sub>2</sub>)<sub>k</sub>-NH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Tic-X-J-Oic-Tic-X-Z)<sub>n</sub>-Tic-II-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Tic-X-J-Oic-Tic-X-Z)<sub>n</sub>-Tic-II-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Tic-X-Z-Oic-Tic-X-J)<sub>n</sub>-Tic-II-U<sub>m</sub>-CONH<sub>2</sub>,

$\Sigma$ -Glycine-O-(Oic-Tic-X-Z-Oic-Tic-X-J)<sub>n</sub>-Tic-II-U<sub>m</sub>-CONH<sub>2</sub>.

$\Sigma$ -Glycine-O-(Oic-Tic-Z-Oic-Tic-J)<sub>n</sub>-Oic-Tic-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

and

$\Sigma$ -Glycine-B-(Oic-Tic-Z-Oic-tic-J)<sub>n</sub>-Oic-Tic-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

**[0013]** An example of a compound that falls within this set of formulae is Compound 61, which is described below.

**[0014]** Another embodiment of the AMPs is encompassed by the following formulae, which are referred to as the "Oic-Oic analogs". These analogs may exhibit greater selectivity for *Mycobacterium ranae*, compared to Gram positive and Gram negative bacteria.

$\Sigma$ -Glycine-O-(Oic-Oic-X-J-Oic-Oic-X-Z)<sub>n</sub>-Oic-Oic-II-J-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Oic-X-Z-Oic-Oic-X-J)<sub>n</sub>-Oic-Oic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-B-(Oic-Oic-X-Z-Oic-Oic-X-J)<sub>n</sub>-Oic-Oic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Oic-X-J-Oic-Oic-X-Z)<sub>n</sub>-Oic-Oic-II-J-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Oic-X-Z-Oic-Oic-X-J)<sub>n</sub>-Oic-Oic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-B-(Oic-Oic-X-Z-Oic-Oic-X-J)<sub>n</sub>-Oic-Oic-II-Z-Tic-U<sub>m</sub>-CONH<sub>2</sub>

$\Sigma$ -Glycine-O-(Oic-Oic-X-J-Oic-Oic-X-Z)<sub>n</sub>-Oic-Oic-II-J-Tic-U<sub>m</sub>-CONH-

(CH<sub>2</sub>)<sub>k</sub>-NH<sub>2</sub>