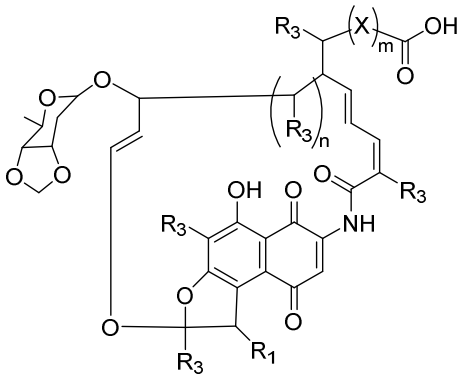
CLAIMS

What is claimed is:

1. A compound of formula (1):



(1)

wherein

R_1 is CHR_4R_5 or OR_6;

each occurrence of R_4 and R_5 independently is a hydrogen atom, a halogen atom, alkyl, cycloalkyl, aryl, or heteroaryl;

R_6 is a hydrogen atom, alkyl, cycloalkyl, aryl, or heteroaryl;

each occurrence of R_3 independently is a hydrogen atom, a halogen atom, alkyl, cycloalkyl, aryl, or heteroaryl, or OR_7;

R_7 is a hydrogen atom, alkyl, cycloalkyl, aryl, heteroaryl, or $C(=O)R_8$;

R_8 is alkyl, cycloalkyl, aryl, or heteroaryl;

X represents -O-, $-NR_9-$, $-CR_9R_{10}-$, or -C(=O)-;

R_9 and R_{10} each independently is a hydrogen atom, a halogen atom, alkyl, cycloalkyl, aryl, or heteroaryl;

m represents an integer from 1 to 6; and

n represents an integer from 4 to 10;

or a salt thereof.

2. The compound of claim 1, wherein R_1 is OR_6.

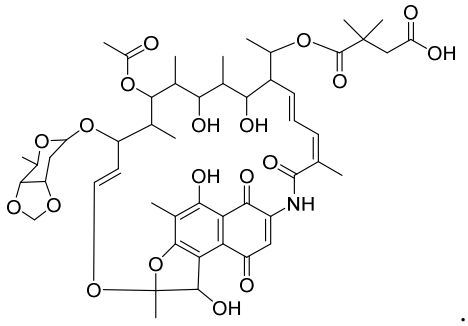
3. The compound of claim 1, wherein R_3 independently is alkyl, OH, or $-OC(=O)CH_3$.

4. The compound of claim 1, wherein each R_7 independently is a hydrogen atom or $C(=O)R_8$.

5. The compound of any one of claims 1, wherein R_8 is alkyl.

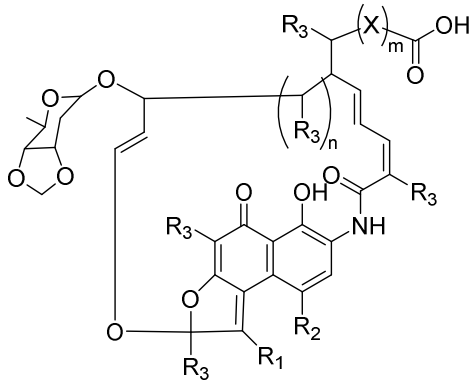
6. The compound of claim 1, wherein each occurrence of X is -O-, $-CR_9R_{10}$-, or -C(=O)-.

7. The compound of claim 1, wherein the compound is



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8. A compound of formula (2):



(2)

wherein:

R_1 and R_2 each independently is CHR_4R_5, CR_4R_5, OR_6, or O, wherein R_1 and R_2 may optionally be joined to form a ring;

each occurrence of R_4 and R_5 independently is a hydrogen atom, a halogen atom, alkyl, alkylene, cycloalkyl, aryl, or heteroaryl;

each occurrence of R_6 independently is a hydrogen atom, alkyl, alkylene, cycloalkyl, aryl, or heteroaryl;

each occurrence of R_3 independently is a hydrogen atom, a halogen atom, alkyl, cycloalkyl, aryl, or heteroaryl, or OR_7;

R_7 is a hydrogen atom, alkyl, cycloalkyl, aryl, heteroaryl, or $C(=O)R_8$;

R_8 is alkyl, cycloalkyl, aryl, or heteroaryl;

X is O, NR_9, CR_9R_{10}, or C(=O);

R_9 and R_{10} each independently is a hydrogen atom, a halogen atom, alkyl, cycloalkyl, aryl, or heteroaryl;

m represents an integer from 1 to 6; and

n represents an integer from 4 to 10;

or a salt thereof.

9. The compound of claim 8, wherein R_1 and R_2 each independently are OR_6.

10. The compound of claim 9, wherein each R_6 independently is a hydrogen atom or alkyl.

11. The compound of claim 8, wherein R_1 and R_2 each independently is OR_6 and O, and R_1 and R_2 are joined to form a ring.

12. The compound of claim8, wherein each R_3 independently represents alkyl, -OH, or $-OC(=O)CH_3$.

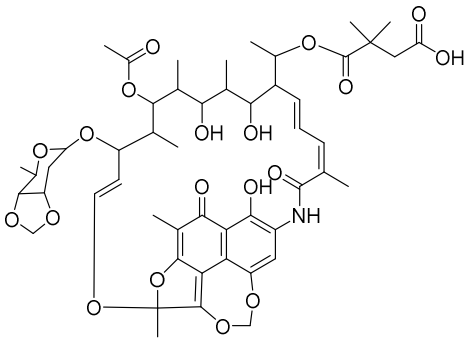
13. The compound of claim 8, wherein each R_7 independently is a hydrogen atom or $C(=O)R_8$.

14. The compound of claim 8, wherein R_8 is alkyl.

15. The compound of claim 8, wherein each occurrence of X independently is -O-, -CR_9R_{10}-, or -C(=O)-.

16. The compound of claim 8, wherein each occurrence of R_9 and R_{10} independently are a hydrogen atom or alkyl.

17. The compound of claim 8, wherein the compound is



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18. A pharmaceutical composition comprising a therapeutically effective amount of a compound of claim 1 and a pharmaceutically acceptable excipient.

19. A method of reducing the growth or proliferation of a microorganism, wherein the method comprises contacting the microorganism with a composition comprising a compound of claim 1.