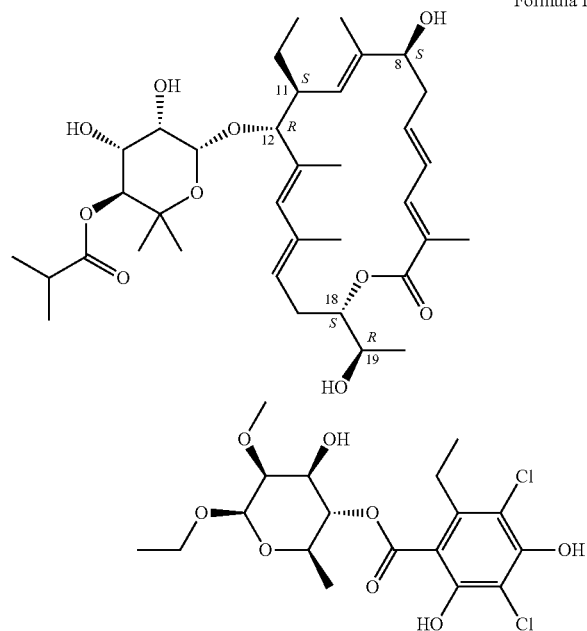


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What is claimed is:

1. A method of treating a bacterial infection in a subject in need thereof comprising administering to said subject a therapeutically effective amount of a composition comprising a polymorphic form of a compound of Formula I:



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wherein the polymorphic form of a compound of Formula I is characterized by a powder x-ray diffraction pattern wherein said x-ray diffraction pattern comprises peaks at diffraction angles  $2\theta$  of  $7.7^\circ$ ,  $15.0^\circ$ , and  $18.8^\circ \pm 0.2$ .

2. The method of claim 1, wherein the administration is oral.

3. The method of claim 1, wherein the amount is from about 0.001 mg to about 1000 mg.

4. The method of claim 1, wherein the composition comprising a polymorphic form of a compound of Formula I is a solid dosage form.

5. The method of claim 1, wherein the polymorphic form of the compound of Formula I is present in the composition with at least about 85% of the total weight of tiacumicins.

6. The method of claim 1, wherein the polymorphic form of the compound of Formula I is present in the composition with at least about 90% of the total weight of tiacumicins.

7. The method of claim 1, wherein the polymorphic form of the compound of Formula I is present in the composition in at least about 93% of the total weight of tiacumicins.

8. The method of claim 1, wherein the polymorphic form of the compound of Formula I is present in the composition in at least about 95% of the total weight of tiacumicins.

9. The method of claim 1, wherein the polymorphic form of the compound of Formula I is present in the composition in at least about 99% of the total weight of tiacumicins.

10. The method of claim 1, wherein the bacterial infection is caused by *Clostridia*.

11. The method of claim 10, wherein the bacterial infection is caused by *Clostridium difficile*.

12. The method of claim 1, wherein the bacterial infection is a gastrointestinal infection.

13. The method of claim 1, wherein the bacterial infection is *Clostridium difficile* infection.

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