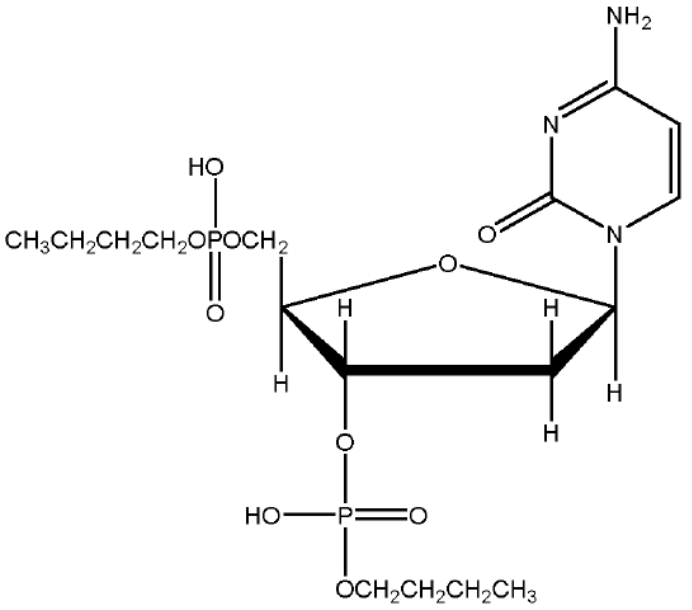
Claims

1. A method of treating oral mucositis in a patient in need thereof, the method comprising administering to the patient an effective amount of a compound having the formula:



or a pharmaceutically acceptable salt thereof.

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

3. The method of claim 2, wherein the topical administration is applied to the oral cavity of the patient.

4. The method of claim 1, wherein the administration is carried out using the compound, or a pharmaceutically acceptable salt thereof, in a gel, ointment, oil, solution, suspension, emulsion or other viscous composition.

5. The method of claim 1, wherein the administration is carried out using the compound, or a pharmaceutically acceptable salt thereof, in a mouthwash.

6. The method of claim 1, wherein the patient is administered at least one additional active ingredient.

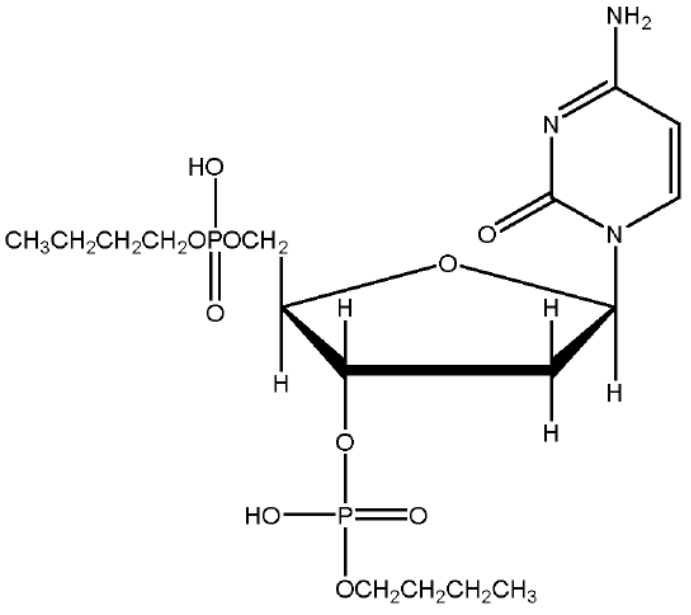
7. The method of claim 1, wherein the compound, or a pharmaceutically acceptable salt thereof, is administered with a pharmaceutically acceptable carrier.

8. The method of claim 1, wherein the administration is carried out as a multiple dose regimen.

9. The method of claim 8, wherein the administration is carried out one or more times per day.

10. The method of claim 1, wherein the patient is a human.

11. A method of treating oral mucositis in a patient in need thereof, the method comprising topically administering to the oral cavity of the patient an effective amount of a pharmaceutical composition comprising a pharmaceutically acceptable carrier, and a compound having the formula:



or a pharmaceutically acceptable salt thereof.

12. The method of claim 11, wherein the administration is carried out using the compound, or a pharmaceutically acceptable salt thereof, in a gel, ointment, oil, solution, suspension, emulsion or other viscous composition.

13. The method of claim 11, wherein the administration is carried out using the compound, or a pharmaceutically acceptable salt thereof, in a mouthwash.

14. The method of claim 11, wherein the compound, or a pharmaceutically acceptable salt thereof, is present in the pharmaceutical composition in an amount from about 1% to about 20% (weight/weight).

15. The method of claim 14, wherein the compound, or a pharmaceutically acceptable salt thereof, is present in the pharmaceutical composition in an amount from about 5% to about 15% (weight/weight).

16. The method of claim 11, wherein the compound, or a pharmaceutically acceptable salt thereof, is present in the pharmaceutical composition in an amount from about 30% to about 50% (weight/weight).

17. The method of claim 11, wherein the administration is carried out as a multiple dose regimen.

18. The method of claim 11, wherein the administration is carried out one or more times per day.

19. The method of claim 11, wherein the patient is a human.

20. The method of claim 11, wherein the pharmaceutical composition has a pH of about pH 1.5 to about pH 4.

21. The method of claim 11, wherein the pharmaceutical composition has a pH of about pH 3 to about pH 4.