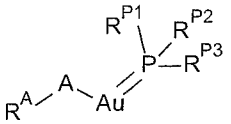
Claims

1. The use of a compound of formula (I):



(I)

In the manufacture of a medicament for use in preventing or treating a bacterial infection wherein:

R^{P1} is either methyl, ethyl, isopropyl, cyclohexyl or phenyl;

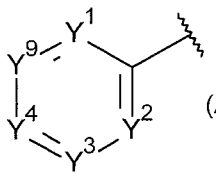
R^{P2} is selected from methyl, ethyl, isopropyl, cyclohexyl and phenyl;

R^{P3} is either ethyl, isopropyl, cyclohexyl, phenyl or pyridyl;

A is S;

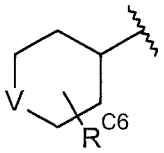
R^{A} is selected from:

(a)



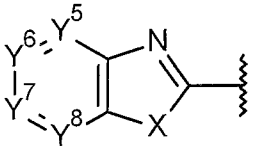
(A1)

(b)



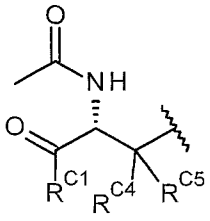
(A2)

(c)



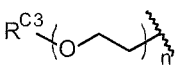
(A3)

(d)



(A4)

(e)



(A5)

wherein:

each of Y^1, Y^2, Y^3, Y^4 and Y^9 is independently selected from CH or N, wherein at least three of Y^1, Y^2, Y^3, Y^4 and Y^9 are CH;

V is selected from O, CH-OR^{O1}, N-CO_2-R^{C2} or N-R^{N2};

one of Y^5, Y^6, Y^7 and Y^8 is selected from CH and N, and the others are CH;
X is selected from NH, S or O;
R^{C1} is selected from O-R^{O2} or NHR^{N1};
R^{O1} is selected from H and C_{1-3} unbranched alkyl;
R^{O2} is C_{1-3} unbranched alkyl;
R^{N1} is selected from H and C_{1-3} unbranched alkyl;
R^{N2} is C_{1-3} unbranched alkyl;
R^{C2} is either C_{1-3} unbranched alkyl or C_{3-4} branched alkyl;
R^{C3} is selected from C_{1-3} unbranched alkyl and $C_2H_4CO_2H$;
R^{C4} is either H or Me;
R^{C5} is either H or Me;
R^{C6} is either absent or represents one or two methyl substituents; and
n is an integer from 2 to 8.

2. The use according to claim 1, wherein (a) R^{P1} and R^{P3} are the same or (b) R^{P1} and R^{P2} are the same.

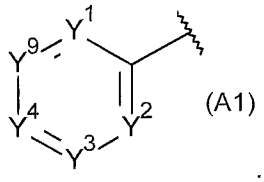
3. The use according to claim 2, wherein R^{P1}, R^{P2} and R^{P3} are ethyl.

4. The use according to claim 2, wherein R^{P1}, R^{P2} and R^{P3} are isopropyl.

5. The use according to claim 2, wherein R^{P1} and R^{P3} are phenyl and R^{P2} is methyl.

6. The use according to claim 2, wherein R^{P1} and R^{P2} are methyl and R^{P3} is phenyl.

7. The use according to any one of claims 1 to 6, wherein R^A is A1:



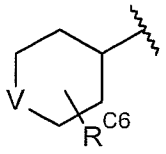
(A1)

8. The use according to claim 7, wherein one of Y^1, Y^2, Y^3, Y^4 and Y^9 is N.

9. The use according to claim 7, wherein two of Y^1, Y^2, Y^3, Y^4 and Y^9 are N

10. The use according to claim 7, wherein R^A is phenyl.

11. The use according to any one of claims 1 to 7, wherein R^A is A2:



(A2)

12. The use according to claim 11, wherein V is O.

13. The use according to claim 11, wherein V is CH-OR^{O1}.

14. The use according to claim 12, wherein R^{O1} is H.

15. The use according to claim 11, wherein V is N-CO_2-R^{C2}.

16. The use according to claim 15, wherein R^{C2} is *tert*-butyl.

17. The use according to claim 11, wherein V is N-R^{N2}.

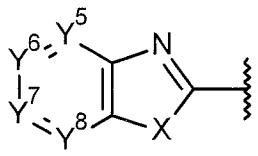
18. The use according to claim 17, wherein R^{N2} is methyl.

19. The use according to any one of claims 11 to 18, wherein there are no optional methyl substituents.

20. The use according to any one of claims 11 to 18, wherein there is a single methyl substituent represented by R^{C6}.

21. The use according to any one of claims 11 to 18, wherein there are two methyl substituents represented by R^{C6}.

22. The use according to any one of claims 1 to 6, wherein R^A is A3:

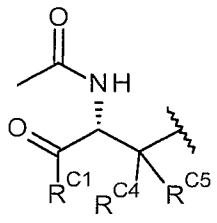


(A3)

23. The use according to claim 22, wherein X is O and one of Y^5, Y^6, Y^7 and Y^8 is N.

24. The use according to claim 22, wherein X is NH and Y^5, Y^6, Y^7 and Y^8 are CH.

25. The use according to any one of claims 1 to 6, wherein R^A is R^A is A4:



(A4)

26. The use according to claim 25, wherein R^{C1} is O-R^{O2} where R^{O2} is methyl.

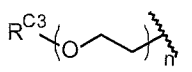
27. The use according to claim 25, wherein R^{C1} is NHR^{N1}, and R^{N1} is H.

28. The use according to any one of claims 25 to 27, wherein R^{C4} and R^{C5} are both H.

29. The use according to any one of claims 25 to 27, wherein R^{C4} is H and R^{C5} is Me.

30. The use according to any one of claims 25 to 27, wherein R^{C4} and R^{C5} are both Me.

31. The use according to any one of claims 1 to 6, wherein R^A is A5:



(A5)

32. The use according to claim 31, wherein R^{C3} is methyl.

33. The use according to claim 31, wherein R^{C3} is $C_2H_4CO_2H$.

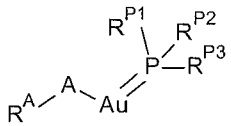
34. The use according to any one of claims 31 to 33, wherein n is an integer from 4 to 8.

35. The use according to any one of claims 1 to 34, wherein the bacterial infection prevented and/or treated is infection by one or more Gram-positive bacteria.

36. The use according to any one of claims 1 to 34, wherein the bacterial infection prevented and/or treated is infection by one or more Gram-negative bacteria.

37. The use according to any one of claims 1 to 34, wherein the bacterial infection prevented and/or treated is within a biofilm.

38. A medical device coated or impregnated with a compound of formula (I):


(I)

wherein:

R^{P1} is either methyl, ethyl, isopropyl, cyclohexyl or phenyl;

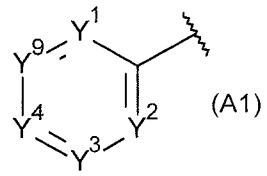
R^{P2} is selected from methyl, ethyl, isopropyl, cyclohexyl and phenyl;

R^{P3} is either ethyl, isopropyl, cyclohexyl, phenyl or pyridyl;

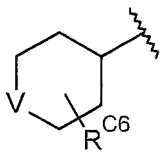
A is S;

R^{A} is selected from:

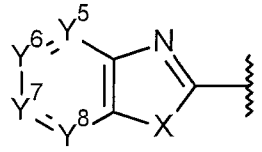
(a)

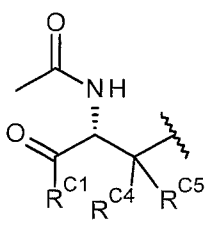

(A1)

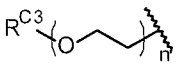
(b)


(A2)

(c)


(A3)

(d)  (A4)

(e)  (A5)

wherein:

each of Y^1, Y^2, Y^3, Y^4 and Y^9 is independently selected from CH or N, wherein at least three of Y^1, Y^2, Y^3, Y^4 and Y^9 are CH;

V is selected from O, CH-OR^{O1}, N-CO_2-R^{C2} or N-R^{N2};

one of Y^5, Y^6, Y^7 and Y^8 is selected from CH and N, and the others are CH;

X is selected from NH, S or O;

R^{C1} is selected from O-R^{O2} or NHR^{N1};

R^{O1} is selected from H and C_{1-3} unbranched alkyl;

R^{O2} is C_{1-3} unbranched alkyl;

R^{N1} is selected from H and C_{1-3} unbranched alkyl;

R^{N2} is C_{1-3} unbranched alkyl;

R^{C2} is either C_{1-3} unbranched alkyl or C_{3-4} branched alkyl;

R^{C3} is selected from C_{1-3} unbranched alkyl and $C_2H_4CO_2H$;

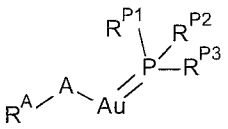
R^{C4} is either H or Me;

R^{C5} is either H or Me;

R^{C6} is either absent or represents one or two methyl substituents; and

n is an integer from 2 to 8.

39. A compound of formula (I):

 (I)

wherein:

R^{P1} is either methyl, ethyl, isopropyl, cyclohexyl or phenyl;

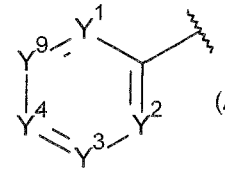
R^{P2} is selected from methyl, ethyl, isopropyl, cyclohexyl and phenyl;

R^{P3} is either ethyl, isopropyl, cyclohexyl, phenyl or pyridyl;

A is S;

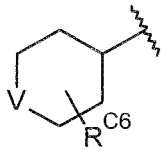
R^A is selected from:

(a)



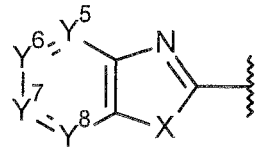
(A1)

(b)



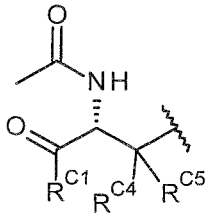
(A2)

(c)



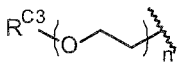
(A3)

(d)



(A4)

(e)



(A5)

wherein:

each of Y^1, Y^2, Y^3, Y^4 and Y^9 is independently selected from CH or N, wherein at least three of Y^1, Y^2, Y^3, Y^4 and Y^9 are CH;

V is selected from O, CH-OR^{O1}, N-CO_2-R^{C2} or N-R^{N2};

one of Y^5, Y^6, Y^7 and Y^8 is selected from CH and N, and the others are CH;

X is selected from NH, S or O;

R^{C1} is selected from O-R^{O2} or NHR^{N1};

R^{O1} is selected from H and C_{1-3} unbranched alkyl;

R^{O2} is C_{1-3} unbranched alkyl;

R^{N1} is selected from H and C_{1-3} unbranched alkyl;

R^{N2} is C_{1-3} unbranched alkyl;

R^{C2} is either C_{1-3} unbranched alkyl or C_{3-4} branched alkyl;

R^{C3} is selected from C_{1-3} unbranched alkyl and $C_2H_4CO_2H$;

R^{C4} is either H or Me;

R^{C5} is either H or Me;

R^{C6} is either absent or represents one or two methyl substituents; and

n is an integer from 2 to 8,

with the proviso that when R^A is (A1), then Y^1, Y^2 and Y^9 are CH and Y^3 and Y^4 are N; and with the further proviso that when R^A is A3, then one of Y^5, Y^6, Y^7 and Y^8 is N.

40. A pharmaceutical composition comprising a compound according to claim 39.

41. A pharmaceutical composition according to claim 40, which also comprises a pharmaceutical acceptable diluent or excipient.

42. A compound according to claim 39 for use in a method of therapy.