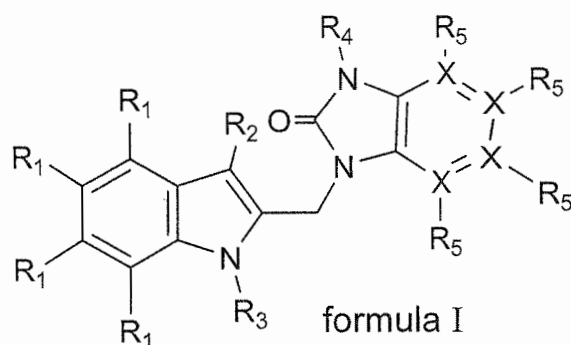


Claims

1. A compound ~~satisfying of~~ formula (I), ~~a prodrug, N-oxide, an addition salt, quaternary amine, metal complex, or a stereochemically isomeric form thereof;~~



wherein each X independently is C or N;

R₁ is selected from the group of H, halogen, ~~C₁-C₆alkyl, C₃-C₇cycloalkyl, C₁-C₆alkoxy, N(R₆)₂, CO(R₇), CH₂NH₂, CH₂OH, CN, C(=NOH)NH₂, C(=NOCH₃)NH₂, C(=NH)NH₂, CF₃, and OCF₃, and B(OH)₂; B(O-C₁-C₆alkyl)₂;~~

R₂ is selected from the group consisting of H, halogen, C₁-C₆alkyl, C₃-C₇cycloalkyl, C₁-C₆alkoxy, and CO(R₇);

R₃ is -(CR₈R₉)_n-R₁₀;

R₄ is selected from the group consisting of H, C₁-C₁₀alkyl, C₃-C₇cycloalkyl, C₂-C₁₀alkenyl, SO₂-R₈, CH₂CF₃, SO₂CH₃ or a 4 to 6 membered saturated ring containing an oxygen atom;

R₅ is present where X is C, and is selected from the group consisting of H, C₁-C₆alkyl, C₃-C₇cycloalkyl, C₁-C₆alkoxy, CO(R₇), CF₃ and halogen;

R₅ is absent where X is N;

R₆ is selected from the group consisting of H, C₁-C₆alkyl, COOCH₃, and CONHSO₂CH₃;

R₇ is selected from the group consisting of OH, O(C₁-C₆alkyl), NH₂, NHSO₂N(C₁-C₆alkyl)₂, NHSO₂NHCH₃, NHSO₂(C₁-C₆alkyl), NHSO₂(C₃-C₇cycloalkyl), and N(C₁-C₆-alkyl)₂, NR₈R₉, NR₉R₁₀;

n is an integer from 2 to 6;

R₈ and R₉ are each independently chosen from H, C₁-C₁₀alkyl, C₃-C₇cycloalkyl or R₈ and R₉ taken together form a 4 to 6 membered aliphatic ring that optionally contains one or more heteroatoms selected from the group N, S, O;

R₁₀ is selected from the group consisting of H, C₁-C₆alkyl, OH, CN, F, CF₂H, CF₃, C(=NOH)NH₂, CONR₈R₉, COOR₈, CONR₈SO₂R₉, CON(R₈)SO₂N(R₈R₉), NR₈R₉, NR₈COOR₉, OCOR₈, NR₈SO₂R₉, SO₂NR₈R₉, SO₂R₈ or a 4 to 6 membered saturated ring containing an oxygen atom.

2. A compound according to claim 1,
wherein

R₄ is selected from the group consisting of H, C₁-C₁₀alkyl, C₃-C₇cycloalkyl, C₂-C₁₀alkenyl, SO₂-R₈, or a 4 to 6 membered saturated ring containing an oxygen atom;

3. A compound according to claim 1 or 2 wherein R₁ is selected from the group consisting of H, halogen.

4. A compound according to any of the previous claims, wherein R₁ in the *para* position to N-R₃ is selected from the group consisting of H, halogen, and all other R₁ are H.

5. A compound according to any one of the preceding claims wherein R₁ is selected from the group consisting of bromo and chloro.

6. A compound according to any one of the preceding claims, wherein R₂ is selected from the group consisting of H, halogen, and CO(R₇).

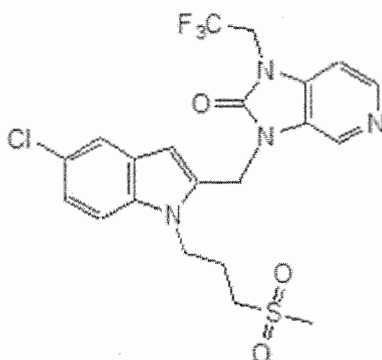
7. A compound according to any one of the preceding claims, wherein R₂ is selected from the group consisting of H, I, and CONH₂.

8. A compound according to any one of the preceding claims, wherein R₃ comprises a - (CR₈R₉)_n chain wherein R₈ and R₉ are H and n is 2-4.

9. A compound according to any one of the preceding claims, wherein R₁₀ is selected from the group consisting of F, CF₃, OH, SO₂R₈, and CN, with R₈ preferably being methyl.

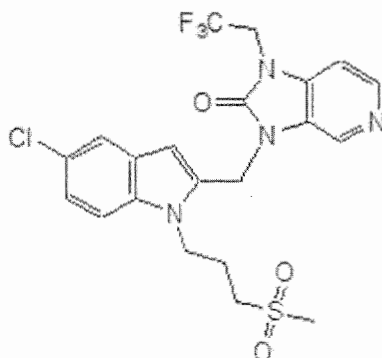
10. A compound according to any one of the preceding claims, wherein R₄ is C₃-C₇cycloalkyl, preferably cyclopropyl or CH₂CF₃.

11. A compound according to any one of the preceding claims, wherein R_4 is isopropyl.
12. A compound according to any one of the preceding claims, wherein R_4 is oxetan-3-yl.
13. A compound according to any one of the preceding claims, wherein the X in para position to N- R_4 is C and the R_5 on that X is F.
14. A compound according to any one of the preceding claims, wherein one X is N and the other X's are C, the N preferably being in *para* position to N- R_4 .
15. A compound according to any one of the preceding claims, wherein at most one R_5 is selected from the group consisting of C_1 - C_6 alkyl, C_1 - C_6 -alkoxy, halogen, and CN, and the other R_5 are H.
16. A compound according to any one of the preceding claims, wherein all R_5 are H.
17. The compound as claimed in claim 1 wherein the compound is



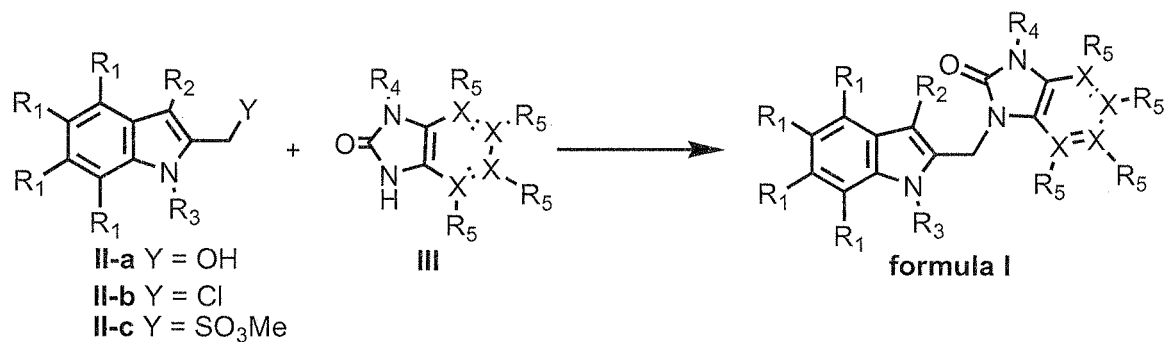
or a prodrug, N-oxide, an addition salt, quaternary amine, or metal complex thereof.

18. The compound as claimed in claim 17 wherein the compound is



19. A compound as claimed in any one of claims 1 to 18 for use as a medicine.
20. A pharmaceutical composition comprising a pharmaceutically acceptable carrier, and as active ingredient a therapeutically effective amount of a compound as claimed in any one of claims 1 to 18.
21. A process for preparing a pharmaceutical composition as claimed in claim 20, said process comprising intimately mixing a pharmaceutically acceptable carrier with a therapeutically effective amount of a compound as claimed in any one of claims 1 to 18.
22. A compound as claimed in any of claims 1 to 18 for use as a medicament for inhibiting RSV replication.
23. A process for preparing a compound as claimed in any of the claims 1 to 18, said process comprising coupling a compound selected from the group consisting of II-a, II-b, and II-c with a compound III ~~in accordance with scheme 1 below~~, resulting in

derivatives of formula (I) with all substituents R and X having a meaning in accordance with claim 1 or 2.



24. The use of a compound as claimed in any of claims 1 to 18 for the manufacture of a medicament for inhibiting RSV replication.