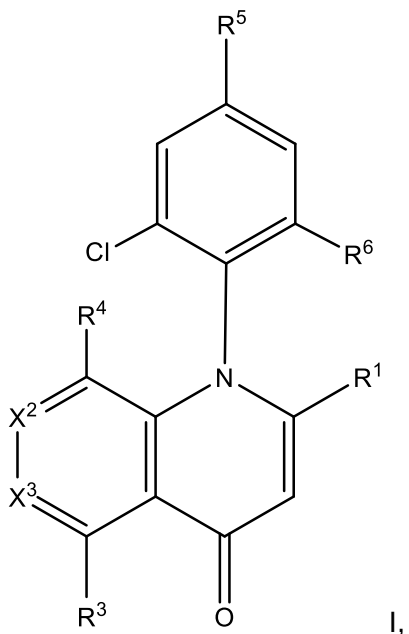


CLAIMS

1. A compound according to Formula I:



wherein:

X² is CR² or N;

X³ is CH or N;

R¹ is C₁₋₄alkyl, -CH₂CN, -CN, C₁₋₄alkoxyC₁₋₄alkyl, halo-C₁₋₄alkyl, -CH=N-OH, -CH=N-O-C₁₋₄alkyl, -CH=N-O-(hydroxyC₁₋₄alkyl), hydroxy-C₁₋₄alkyl, -CH₂OP(O)(OH)₂, or C₃₋₅cycloalkyl;

R³ is -OR^a; -NHR^b; -C(O)NH₂; -C(O)[hydroxyC₁₋₄alkyl], heterocyclyl optionally substituted with one or more substituents independently selected from OH and hydroxyC₁₋₄alkyl; 5- or 6-membered heteroaryl optionally substituted with one or more C₁₋₄alkyl; or R³ is C₁₋₄alkyl substituted with one or more substituents independently selected from -C(O)[hydroxyC₁₋₄alkyl] and -OR^c;

R^a is -C₁₋₆alkyl substituted with one or more substituents independently selected from -OR^c, -SO₂C₁₋₄alkyl, -NHS(O)₂C₁₋₄alkyl, and heterocyclyl which is further optionally substituted with one or more substituent independently selected from C₁₋₄alkyl and hydroxyC₁₋₄alkyl; or

R^a is H, -[CH₂-CH₂-O]_n-H, -[CH₂-CH₂-O]_m-CH₃, or heteroaryl optionally substituted with one or more C₁₋₄alkyl; wherein n is 2-6 and m is 1-6;

R^b is -C₁₋₆alkyl substituted with one or more substituents independently selected from –OR^c, -C(O)NH-C₁₋₄alkyl, -C(O)NH-(hydroxyC₁₋₄alkyl), hydroxyC₁₋₄alkyl, 5- or 6-membered heteroaryl, heterocyclyl, -SO₂C₁₋₄alkyl, and -NHS(O)₂C₁₋₄alkyl; or **R^b** is –S(O)₂heteroaryl; or

R^b is 4- to 7-membered heterocyclyl optionally substituted with one or more hydroxy groups; or

R^b is H, -OR^c; -[CH₂-CH₂-O]_n-H, -[CH₂-CH₂-O]_m-CH₃, or heteroaryl optionally substituted with one or more C₁₋₄alkyl; wherein n is 2-6 and m is 1-6;

R^c is H or hydroxyC₁₋₄alkyl;

R² is H, C₁₋₄alkoxy, halo-C₁₋₄alkoxy, halo, C₁₋₄alkyl, -S-C₁₋₄alkyl, or –NH-C₁₋₄alkyl;

R⁴ is H, halo, halo-C₁₋₄alkyl, C₁₋₄alkyl, or C₃₋₅cycloalkyl;

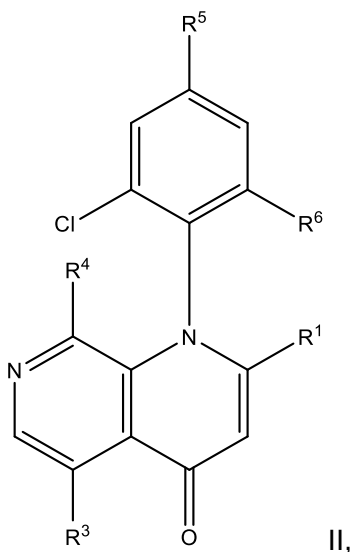
R⁵ is H, halo, CN, C₁₋₄alkoxy, hydroxy-C₁₋₄alkoxy, C₁₋₄alkoxy-C₁₋₄alkoxy, -CH=NH-O-C₁₋₄alkyl, or -CH=NH-O(hydroxyC₁₋₄alkyl); or

R⁵ is C₂₋₆alkynyl optionally substituted with OH or NR^gR^h wherein R^g and R^h are independently H or C₁₋₄alkyl; or R^g and R^h form together with the nitrogen to which they are attached a 4- to 7-membered heterocyclyl optionally containing an additional heteroatom selected from O, S, and N, wherein the heteroatom can be in its oxidized form; and wherein said heterocyclyl is optionally substituted with C₁₋₄alkyl; and

R⁶ is halo, C₁₋₄alkyl, or CN;

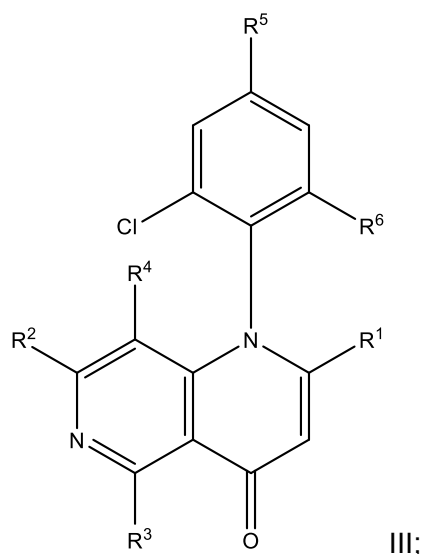
or a pharmaceutically acceptable salt thereof.

2. The compound according to claim 1 having Formula II:



or a pharmaceutically acceptable salt thereof.

3. The compound according to claim 1 having Formula III:



or a pharmaceutically acceptable salt thereof.

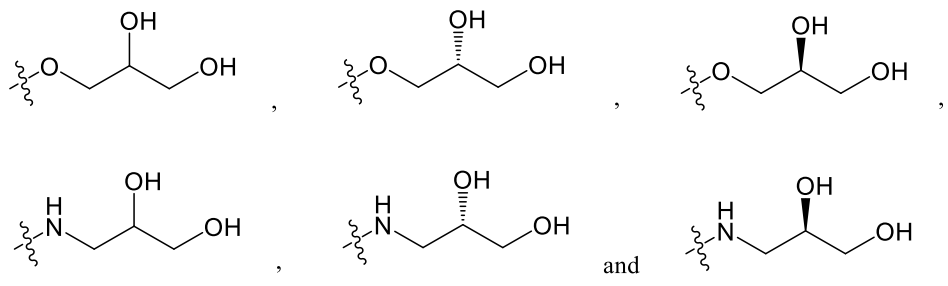
4. The compound according to any one of claims 1 to 3, wherein:
R¹ is CH₃, cyclopropyl, -CH₂OH, or CH=NH-OH; or a pharmaceutically acceptable salt thereof.
5. The compound according to any one of claims 1, 2, and 4, wherein:
R² is H or -NH-CH₃; or a pharmaceutically acceptable salt thereof.
6. The compound according to any one of claims 1 to 5, wherein:
R⁴ is H or halo; or a pharmaceutically acceptable salt thereof.
7. The compound according to any one of claims 1 to 6, wherein:
R⁵ is H, F, CN, C₂₋₄alkynyl substituted with OH, or thiomorpholine; or a pharmaceutically acceptable salt thereof.
8. The compound according to any one of claims 1 to 7, wherein:
R⁶ is Cl or CN; or a pharmaceutically acceptable salt thereof.
9. The compound according to any one of claims 1 to 8, wherein **R³** is hydroxyC₁₋₆alkyl, hydroxyC₁₋₆alkoxy, -O-(CH₂CH₂-O)_nH, -O-(CH₂CH₂-O)_mCH₃, -NH-(CH₂CH₂O)_nH,

10. The compound according to any one of claims 1 to 8, wherein **R**³ is selected from the following groups:



or a pharmaceutically acceptable salt thereof.

11. The compound according to claim 10, wherein R^3 is selected from:



or a pharmaceutically acceptable salt thereof.

12. The compound according to claim 3, wherein R^1 is CH_3 or CH_2OH , R^2 is H, R^3 is $-\text{OR}^a$ or $-\text{NHR}^b$, R^4 is Cl, R^5 is H or F, and R^6 is Cl; or a pharmaceutically acceptable salt thereof.

13. The compound according to claim 1 selected from the group consisting of:

(S)-8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

(R)-8-chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxy-3-methylbutoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-2-(hydroxymethyl)-5-((3-(hydroxymethyl)oxetan-3-yl)methoxy)-1,6-naphthyridin-4(1H)-one;

N-(2-((8-chloro-1-(2,6-dichlorophenyl)-2-(hydroxymethyl)-4-oxo-1,4-dihydro-1,6-naphthyridin-5-yl)oxy)ethyl)methanesulfonamide;

8-chloro-1-(2,6-dichlorophenyl)-5-(2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(3-hydroxy-2-(hydroxymethyl)propoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-((1,3-dihydroxypropan-2-yl)oxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-2-(hydroxymethyl)-5-(oxetan-3-ylmethoxy)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-2-(hydroxymethyl)-5-(2-(2-methoxyethoxy)ethoxy)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2-hydroxyethoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-((2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethyl)amino)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-((14-hydroxy-3,6,9,12-tetraoxatetradecyl)oxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

5-(2,5,8,11,14,17-hexaoxonadecan-19-yloxy)-8-chloro-1-(2,6-dichlorophenyl)-2-methyl-1,6-naphthyridin-4(1H)-one;

3-chloro-2-(8-chloro-5-((2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethyl)amino)-2-methyl-4-oxo-1,6-naphthyridin-1(4H)-yl)benzonitrile;

3-((8-chloro-1-(2,6-dichlorophenyl)-2-methyl-4-oxo-1,4-dihydro-1,6-naphthyridin-5-yl)amino)-2-hydroxy-N-(2-hydroxyethyl)propanamide;

3,5-dichloro-4-(5-(2,3-dihydroxypropoxy)-2-methyl-4-oxo-1,7-naphthyridin-1(4H)-yl)benzonitrile;

8-chloro-1-(2,6-dichlorophenyl)-5-((17-hydroxy-3,6,9,12,15-pentaoxaheptadecyl)oxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(3-(2,3-dihydroxypropoxy)-2-hydroxypropoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

3-chloro-2-(8-chloro-5-(2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethoxy)-2-methyl-4-oxo-1,6-naphthyridin-1(4H)-yl)benzonitrile;

N-(2-((1-(2,6-dichloro-4-cyanophenyl)-2-methyl-4-oxo-1,4-dihydro-1,7-naphthyridin-5-yl)amino)ethyl)methanesulfonamide;

3-chloro-2-(8-chloro-5-(2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethoxy)-2-methyl-4-oxo-1,6-naphthyridin-1(4H)-yl)-5-fluorobenzonitrile;

8-chloro-1-(2,6-dichloro-4-fluorophenyl)-5-((17-hydroxy-3,6,9,12,15-pentaoxaheptadecyl)oxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

3,5-dichloro-4-(8-chloro-5-(4-(2-hydroxyethyl)piperazin-1-yl)-2-methyl-4-oxo-1,6-naphthyridin-1(4H)-yl)benzonitrile;

8-chloro-1-(2,6-dichlorophenyl)-2-methyl-5-(2,3,4-trihydroxybutoxy)-1,6-naphthyridin-4(1H)-one;

3,5-dichloro-4-(5-((2-hydroxyethyl)amino)-2-methyl-4-oxo-1,7-naphthyridin-1(4H)-yl)benzonitrile;

8-chloro-1-(2,6-dichlorophenyl)-5-(3-hydroxy-2,2-bis(hydroxymethyl)propoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

3,5-dichloro-4-(5-(3-hydroxyazetidin-1-yl)-2-methyl-4-oxo-1,7-naphthyridin-1(4H)-yl)benzonitrile;

8-chloro-1-(2,6-dichlorophenyl)-5-(2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-((2R,4S)-4-hydroxy-2-(hydroxymethyl)pyrrolidin-1-yl)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichloro-4-fluorophenyl)-5-(2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-((3R,4S)-3,4-dihydroxypyrrolidin-1-yl)-2-methyl-1,6-naphthyridin-4(1H)-one;

3-chloro-2-(8-chloro-5-(2,3-dihydroxypropoxy)-2-methyl-4-oxo-1,6-naphthyridin-1(4H)-yl)benzonitrile;

5-((2-(1H-imidazol-4-yl)ethyl)amino)-8-chloro-1-(2,6-dichlorophenyl)-2-methyl-1,6-naphthyridin-4(1H)-one;

N-(2-((8-chloro-1-(2,6-dichlorophenyl)-2-methyl-4-oxo-1,4-dihydro-1,6-naphthyridin-5-yl)oxy)ethyl)methanesulfonamide;

8-chloro-1-(2,6-dichlorophenyl)-5-((2-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)ethyl)amino)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

(S)-8-chloro-1-(2,6-dichlorophenyl)-5-((2,3-dihydroxypropyl)amino)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxy-3-methylbutoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(3-hydroxy-2-(hydroxymethyl)-2-methylpropoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2-hydroxy-2-methylpropoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

3,5-dichloro-4-(8-chloro-5-(((3R,4S)-4-hydroxytetrahydrofuran-3-yl)amino)-2-methyl-4-oxo-1,6-naphthyridin-1(4H)-yl)benzonitrile;

3,5-dichloro-4-(8-chloro-5-((2-hydroxyethoxy)amino)-2-methyl-4-oxo-1,6-naphthyridin-1(4H)-yl)benzonitrile;

8-chloro-1-(2,6-dichlorophenyl)-2-methyl-5-((1-methyl-1H-tetrazol-5-yl)amino)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-2-methyl-5-((1-methyl-1H-tetrazol-5-yl)oxy)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-2-methyl-5-((2-methyl-2H-tetrazol-5-yl)amino)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2-hydroxyethoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-((2-hydroxyethoxy)amino)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-2-methyl-5-(oxetan-3-ylmethoxy)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-2-(hydroxymethyl)-5-((2-(methylsulfonyl)ethyl)amino)-1,6-naphthyridin-4(1H)-one;

8-cyclopropyl-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(3-hydroxy-2-(hydroxymethyl)propoxy)-2-(methoxymethyl)-1,6-naphthyridin-4(1H)-one;

8-chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-(methoxymethyl)-1,6-naphthyridin-4(1H)-one;

3-chloro-2-(8-chloro-2-cyclopropyl-5-(2,3-dihydroxypropoxy)-4-oxo-1,6-naphthyridin-1(4H)-yl)benzonitrile;

4-(5-((2-(1H-imidazol-4-yl)ethyl)amino)-2-methyl-4-oxo-1,7-naphthyridin-1(4H)-yl)-3,5-dichlorobenzonitrile;

8-chloro-1-(2,6-dichlorophenyl)-5-((2,2-dimethyl-1,3-dioxolan-4-yl)methoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

(R)- 8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxy-3-methylbutoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

(S)- 8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxy-3-methylbutoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;

8-Chloro-1-(2,6-dichloro-4-fluorophenyl)-5-(2,3-dihydroxypropoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-Chloro-1-(2,6-dichloro-4-fluorophenyl)-5-(2-hydroxyethoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

8-Chloro-1-(2,6-dichlorophenyl)-2-(difluoromethyl)-5-(2,3-dihydroxypropoxy)-1,6-naphthyridin-4(1H)-one;

8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-4-oxo-1,4-dihydro-1,6-naphthyridine-2-carbonitrile;

8-Chloro-1-(2,6-dichlorophenyl)-5-hydroxy-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 1-(2,6-Dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-methyl-7-(methylamino)-1,6-naphthyridin-4(1H)-one;
 1-(2,6-Dichlorophenyl)-5-(2,3-dihydroxypropoxy)-7-ethyl-2-methyl-1,6-naphthyridin-4(1H)-one;
 1-(2-Chloro-6-ethylphenyl)-5-(2,3-dihydroxypropoxy)-7-ethyl-2-methyl-1,6-naphthyridin-4(1H)-one;
 1-(2,6-Dichlorophenyl)-5-(2,3-dihydroxypropoxy)-7-methoxy-2-methyl-1,6-naphthyridin-4(1H)-one;
 1-(2,6-Dichlorophenyl)-5-(2,3-dihydroxypropoxy)-8-ethyl-2-methyl-1,6-naphthyridin-4(1H)-one;
 N-(1-(2,6-Dichloro-4-cyanophenyl)-2-methyl-4-oxo-1,4-dihydro-1,7-naphthyridin-5-yl)-1H-pyrazole-4-sulfonamide;
 8-Chloro-1-(2,6-dichlorophenyl)-2-methyl-5-(1H-1,2,4-triazol-1-yl)-1,6-naphthyridin-4(1H)-one;
 3,5-dichloro-4-(2-methyl-4-oxo-5-(1H-pyrazol-3-yl)-1,7-naphthyridin-1(4H)-yl)benzonitrile;
 3,5-Dichloro-4-(2-methyl-5-(1-methyl-1H-pyrazol-4-yl)-4-oxo-1,7-naphthyridin-1(4H)-yl)benzonitrile;
 8-Chloro-1-(2,6-dichlorophenyl)-2-(hydroxymethyl)-5-(3-hydroxypropyl)-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(3,4-dihydroxybutyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 (R)-8-Chloro-1-(2,6-dichlorophenyl)-5-(3,4-dihydroxybutyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 (S)- 8-Chloro-1-(2,6-dichlorophenyl)-5-(3,4-dihydroxybutyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 (R)- 8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 (S)- 8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropyl)-2-methyl-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(1,2-dihydroxyethyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 (R)- 8-Chloro-1-(2,6-dichlorophenyl)-5-(1,2-dihydroxyethyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;

(S)- 8-Chloro-1-(2,6-dichlorophenyl)-5-(1,2-dihydroxyethyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(1,2-dihydroxyethyl)-2-methyl-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(2-hydroxyacetyl)-2-methyl-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-((2,3-dihydroxypropoxy)methyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(((1,3-dihydroxypropan-2-yl)oxy)methyl)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichlorophenyl)-5-(2,4-dihydroxy-3-oxobutan-2-yl)-2-methyl-1,6-naphthyridin-4(1H)-one;
 1-(4-(3-Amino-3-methylbut-1-yn-1-yl)-2,6-dichlorophenyl)-8-chloro-5-(2,3-dihydroxypropoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichloro-4-(3-morpholinoprop-1-yn-1-yl)phenyl)-5-(2-hydroxyethoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichloro-4-(3-(1,1-dioxidothiomorpholino)prop-1-yn-1-yl)phenyl)-5-(2-hydroxyethoxy)-2-methyl-1,6-naphthyridin-4(1H)-one;
 8-Chloro-1-(2,6-dichloro-4-(3-(dimethylamino)prop-1-yn-1-yl)phenyl)-5-((2,2-dimethyl-1,3-dioxolan-4-yl)methoxy)-2-methyl-1,6-naphthyridin-4(1H)-one; and
 (8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-4-oxo-1,4-dihydro-1,6-naphthyridin-2-yl)methyl dihydrogen phosphate;

or a pharmaceutically acceptable salt thereof.

14. The compound according to claim 13, wherein the compound is (S)-8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one, or a pharmaceutically acceptable salt thereof.

15. A crystalline form of the hydrate of (S)-8-Chloro-1-(2,6-dichlorophenyl)-5-(2,3-dihydroxypropoxy)-2-(hydroxymethyl)-1,6-naphthyridin-4(1H)-one characterized by an X-ray powder diffraction (XRPD) pattern comprising one or more peaks chosen from $7.0 \pm 0.2^\circ 2\theta$, $14.1 \pm 0.2^\circ 2\theta$, $18.5 \pm 0.2^\circ 2\theta$, $24.7 \pm 0.2^\circ 2\theta$, $26.0 \pm 0.2^\circ 2\theta$ and $26.9 \pm 0.2^\circ 2\theta$, when measured using $\text{CuK}\alpha$ radiation with a wavelength of $1.5418 \text{ \AA}$ and at a temperature of about 22°C .

16. A pharmaceutical composition comprising a therapeutically effective amount of a compound according to any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, and one or more pharmaceutically acceptable carriers.

17. A combination comprising a therapeutically effective amount of a compound according to any one of claims 1 to 14, and one or more therapeutically active co-agent.

18. The combination according to claim 17, wherein the co-agent is selected from Class I antiarrhythmic agents, Class II antiarrhythmic agents, Class III antiarrhythmic agents, Class IV antiarrhythmic agents, Class V antiarrhythmic agents, cardiac glycosides and other drugs affecting atrial refractoriness; haemostasis modulators, antithrombotics; thrombin inhibitors; factor VIIa inhibitors; anticoagulants, factor Xa inhibitors, and direct thrombin inhibitors; antiplatelet agents, cyclooxygenase inhibitors, adenosine diphosphate (ADP) receptor inhibitors, phosphodiesterase inhibitors, glycoprotein IIB/IIA, adenosine reuptake inhibitors; anti-dyslipidemia agents, HMG-CoA reductase inhibitors, other cholesterol-lowering agents; PPAR α agonists; bile acid sequestrants; cholesterol absorption inhibitors; cholesteryl ester transfer protein (CETP) inhibitors; inhibitors of the ileal bile acid transport system (IBAT inhibitors); bile acid binding resins; nicotinic acid and analogues thereof; anti-oxidants; omega-3 fatty acids; antihypertensive agents, including adrenergic receptor antagonists, beta blockers, alpha blockers, mixed alpha/beta blockers; adrenergic receptor agonists, alpha-2 agonists; angiotensin converting enzyme (ACE) inhibitors, calcium channel blockers; angiotensin II receptor antagonists; aldosterone receptor antagonists; centrally acting adrenergic drugs, central alpha agonists; and diuretic agents; anti-obesity agents, pancreatic lipase inhibitors, microsomal transfer protein (MTP) modulators, diacyl glycerolacyltransferase (DGAT) inhibitors, cannabinoid (CBI) receptor antagonists; insulin and insulin analogues; insulin secretagogues; agents that improve incretin action, dipeptidyl peptidase IV (DPP-4) inhibitors, glucagon-like peptide- I (GLP-1) agonists; insulin sensitizing agents, peroxisome proliferator activated receptor gamma (PPAR γ) agonists, agents that modulate hepatic glucose balance, fructose 1,6-bisphosphatase inhibitors, glycogen phosphorylase inhibitors, glycogen synthase kinase inhibitors, glucokinase activators; agents designed to reduce/slow the absorption of glucose from the intestine, alpha-glucosidase inhibitors; agents which antagonize the actions of or reduce secretion of glucagon, amylin analogues; agents that prevent the reabsorption of glucose by the kidney, and sodium-dependent glucose transporter 2 (SGLT-2) inhibitors.

19. A compound according to any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, for use as a medicament.
20. Use of a compound according to any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment or prevention of a disease or disorder responsive to the inhibition of GIRK receptor.
21. Use of a compound according to any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of cardiac arrhythmia, atrial fibrillation, primary hyperaldosteronism, hypertension or sick sinus syndrome.