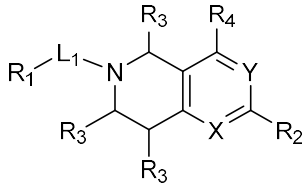
CLAIMS

What is claimed is:

1. A compound having the structure of Formula (I)

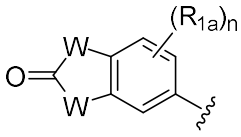
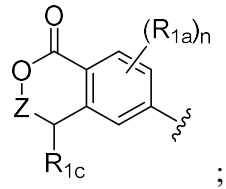


(I)

or a salt thereof, wherein:

X is CR_4 or N;

Y is CR_4 or N, provided that Y is N only if X is N;

R_1 is:  or  ;

each W is independently NR_{1b} or O;

Z is a bond or CHR_{1d};

each R_{1a} is independently H, F, Cl, -OH, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, or C_{1-3} fluoroalkoxy;

each R_{1b} is independently H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, aryl, or heteroaryl;

R_{1c} is H, C_{1-4} alkyl, or C_{3-6} cycloalkyl;

R_{1d} is H, C_{1-3} alkyl, C_{3-6} cycloalkyl, or C_{1-3} alkoxy;

n is zero, 1, 2, or 3;

L_1 is a bond, $-CHR_b-$, or $-CHR_aCHR_b-$;

R_a is H, halo, -OH, C_{1-4} alkyl, C_{1-3} fluoroalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, or C_{1-3} fluoroalkoxy;

R_b is H, C_{1-4} alkyl, C_{1-3} fluoroalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, or C_{1-3} fluoroalkoxy;

R_2 is R_{2a} or $-L_2-R_{2b}$;

L_2 is $-NR_c-$ or $-NR_cCH_2-$;

R_c is H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, or (C_{1-3} alkoxy)-(C_{1-3} alkylenyl);

R_{2a} is a nitrogen-linked heterocyclyl selected from imidazolyl, indolinyl, morpholinyl, piperidinyl, pyrazolyl, pyrrolidinyl, pyrrolyl, triazolyl, 1,2,3,4-tetrahydro-1,5-naphthyridinyl, 1,2,3,4-tetrahydro-1,7-naphthyridinyl, 1,2,3,4-tetrahydroquinolinyl, 1,2,3-triazolo[4,5-b]pyridinyl, benzo[d][1,2,3]triazolyl, benzo[d]imidazolyl, imidazo[4,5-b]pyridinyl, imidazo[4,5-c]pyridinyl, indazolyl, indolyl, pyrazolo[3,4-b] pyrazinyl, pyrazolo[3,4-b]pyridinyl, pyrazolo[3,4-c]pyridinyl, pyrazolo[4,3-b] pyridinyl, pyrazolo[4,3-c]pyridinyl, pyrazolo[4,3-d]pyrimidinyl, pyrrolo[2,3-b] pyridinyl, pyrrolo[2,3-c]pyridinyl, pyrrolo[3,2-b]pyridinyl, pyrrolo[3,2-c]pyridinyl, 2,3-dihydro-pyrrolo[2,3-b]pyridinyl, 2,3-dihydro-pyrrolo[2,3-c]pyridinyl, 2,3-dihydro-pyrrolo[3,2-b]pyridinyl, 2,3-dihydro-pyrrolo[3,2-c]pyridinyl, 3,4-dihydro-benzo[b][1,4]oxazinyl, imidazo[4,5-b]pyridinyl, imidazo[4,5-c]pyridinyl, 5,6,7,8-tetrahydropyrido[3,2-d]pyrimidinyl, pyrrolo[2,3-b]pyrazinyl, pyrrolo[3,2-c] pyridazinyl, pyrrolo[3,2-d]pyrimidinyl, 6,7-dihydro-pyrrolo[3,2-d]pyrimidinyl, and purinyl, wherein each of said heterocyclyl is substituted with zero to 4 R_d;

R_{2b} is phenyl or a carbon-linked heterocyclyl selected from pyrrolyl, furan, thiophenyl, imidazolyl, oxazolyl, thiazolyl, pyrazolyl, isoxazolyl, isothiazolyl, 1,2,3-triazolyl, 1,2,3-thiadiazolyl, 1,3,4-thiadiazolyl, 1,2,3-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,4-triazolyl, tetrazolyl, pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl, 1,2,4-triazinyl, benzo[c][1,2,5]oxadiazolyl, benzo[c]isothiazolyl, benzo[c]isoxazolyl, benzo[d]imidazolyl, benzo[d]isothiazolyl, benzo[d]isoxazolyl, benzo[d]oxazol-2(3H)-onyl, benzo[d]oxazolyl, benzo[d]thiazolyl, indazolyl, indolyl, isobenzofuran-1(3H)-onyl, isochroman-1-only, pyrazolo[1,5-a]pyrimidinyl, pyrrolo[2,3-b]pyridinyl, pyrrolo[2,3-c]pyridinyl, pyrrolo[3,2-b]pyridinyl, and pyrrolo[3,2-c]pyridinyl; wherein each of said phenyl and said heterocyclyl is substituted with zero to 4 R_d;

each R_3 is independently H, C_{1-3} alkyl, C_{1-3} haloalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, (C_{1-3} alkoxy)-(C_{1-3} alkylenyl), -C(O)OR_e, or -C(O)NR_eR_e;

each R_4 is independently H, C_{1-3} alkyl, C_{1-3} haloalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, (C_{1-3} alkoxy)-(C_{1-3} alkylenyl), aryl, heteroaryl, -CO_2H, -CO_2R_e, -CONHR_e, -CONR_eR_e, or -$NR_{4a}R_{4a}$, wherein each of said cycloalkyl, aryl, and said heteroaryl is substituted with zero to 3 R_d;

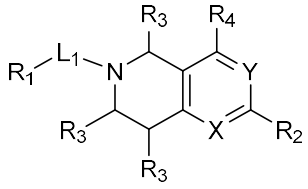
each R_{4a} is independently H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, aryl, or heteroaryl, wherein each of said cycloalkyl, aryl, and said heteroaryl is substituted with zero to 3 R_d; or two R_{4a}

along with the nitrogen atom to which they are attached form a 3-7 membered heterocyclyl;

each R_d is independently F, Cl, -OH, -CN, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, C_{1-3} fluoroalkoxy, $-C(O)OR_e$, $-C(O)NR_eR_e$, $-OC(O)NR_eR_e$, $-NHC(O)OR_e$, $-NR_eC(O)OR_e$, $-S(O)_2R_e$, or tetrazolyl; and

each R_e is independently H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, aryl, or heteroaryl; or two R_e along with the nitrogen atom to which they are attached form a 3-7 membered heterocyclyl.

2. A compound having the structure of Formula (I)

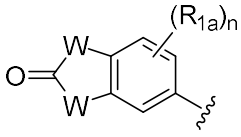
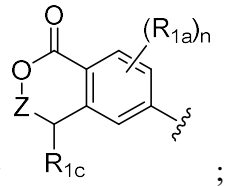


(I)

or a salt thereof, wherein:

X is CR_4 or N;

Y is CR_4 or N, provided that Y is N only if X is N;

R_1 is:  or ;

each W is independently NR_{1b} or O;

Z is a bond or CHR_{1d};

each R_{1a} is independently H, F, Cl, -OH, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, or C_{1-3} fluoroalkoxy;

each R_{1b} is independently H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, aryl, or heteroaryl;

R_{1c} is H, C_{1-4} alkyl, or C_{3-6} cycloalkyl;

R_{1d} is H, C_{1-3} alkyl, C_{3-6} cycloalkyl, or C_{1-3} alkoxy;

n is zero, 1, 2, or 3;

L_1 is a bond, $-CHR_b-$, or $-CHR_aCHR_b-$;

R_a is H, halo, -OH, C_{1-4} alkyl, C_{1-3} fluoroalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, or C_{1-3} fluoroalkoxy;

R_b is H, C_{1-4} alkyl, C_{1-3} fluoroalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, or C_{1-3} fluoroalkoxy;

R_2 is R_{2a} or -L_2-R_{2b};

L_2 is -NR_c- or -NR_cCH_2-;

R_c is H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, or (C_{1-3} alkoxy)-(C_{1-3} alkylenyl);

R_{2a} is a nitrogen-linked heterocyclyl selected from imidazolyl, indolinyl, morpholinyl, piperidinyl, pyrazolyl, pyrrolidinyl, pyrrolyl, triazolyl, 1,2,3,4-tetrahydro-1,5-naphthyridinyl, 1,2,3,4-tetrahydro-1,7-naphthyridinyl, 1,2,3,4-tetrahydroquinolinyl, 1,2,3-triazolo[4,5-b]pyridinyl, benzo[d][1,2,3]triazolyl, benzo[d]imidazolyl, imidazo[4,5-b]pyridinyl, imidazo[4,5-c]pyridinyl, indazolyl, indolyl, pyrazolo[3,4-b] pyrazinyl, pyrazolo[3,4-b]pyridinyl, pyrazolo[3,4-c]pyridinyl, pyrazolo[4,3-b] pyridinyl, pyrazolo[4,3-c]pyridinyl, pyrazolo[4,3-d]pyrimidinyl, pyrrolo[2,3-b] pyridinyl, pyrrolo[2,3-c]pyridinyl, pyrrolo[3,2-b]pyridinyl, pyrrolo[3,2-c]pyridinyl, 2,3-dihydro-pyrrolo[2,3-b]pyridinyl, 2,3-dihydro-pyrrolo[2,3-c]pyridinyl, 2,3-dihydro-pyrrolo[3,2-b]pyridinyl, 2,3-dihydro-pyrrolo[3,2-c]pyridinyl, 3,4-dihydro-benzo[b][1,4]oxazinyl, imidazo[4,5-b]pyridinyl, imidazo[4,5-c]pyridinyl, 5,6,7,8-tetrahydropyrido[3,2-d]pyrimidinyl, pyrrolo[2,3-b]pyrazinyl, pyrrolo[3,2-c] pyridazinyl, pyrrolo[3,2-d]pyrimidinyl, 6,7-dihydro-pyrrolo[3,2-d]pyrimidinyl, and purinyl, wherein each of said heterocyclyl is substituted with zero to 4 R_d;

R_{2b} is phenyl or a carbon-linked heterocyclyl selected from pyrrolyl, furan, thiophenyl, imidazolyl, oxazolyl, thiazolyl, pyrazolyl, isoxazolyl, isothiazolyl, 1,2,3-triazolyl, 1,2,3-thiadiazolyl, 1,3,4-thiadiazolyl, 1,2,3-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,4-triazolyl, tetrazolyl, pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl, 1,2,4-triazinyl, benzo[c][1,2,5]oxadiazolyl, benzo[c]isothiazolyl, benzo[c]isoxazolyl, benzo[d]imidazolyl, benzo[d]isothiazolyl, benzo[d]isoxazolyl, benzo[d]oxazol-2(3H)-onyl, benzo[d]oxazolyl, benzo[d]thiazolyl, indazolyl, indolyl, isobenzofuran-1(3H)-onyl, isochroman-1-only, pyrazolo[1,5-a]pyrimidinyl, pyrrolo[2,3-b]pyridinyl, pyrrolo[2,3-c]pyridinyl, pyrrolo[3,2-b]pyridinyl, and pyrrolo[3,2-c]pyridinyl; wherein each of said phenyl and said heterocyclyl is substituted with zero to 4 R_d;

each R_3 is independently H, C_{1-3} alkyl, C_{1-3} haloalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, (C_{1-3} alkoxy)-(C_{1-3} alkylenyl), -$C(O)OR_e$, or -$C(O)NR_eR_e$;

each R_4 is independently H, C_{1-3} alkyl, C_{1-3} haloalkyl, C_{1-3} hydroxyalkyl, C_{3-6} cycloalkyl, (C_{1-3} alkoxy)-(C_{1-3} alkylenyl), aryl, heteroaryl, -CO_2H, -CO_2R_e, -$CONHR_e$, -$CONR_eR_e$, or -$NR_{4a}R_{4a}$,

wherein each of said cycloalkyl, aryl, and said heteroaryl is substituted with zero to 3 R_d;

each R_{4a} is independently H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, aryl, or heteroaryl, wherein each of said cycloalkyl, aryl, and said heteroaryl is substituted with zero to 3 R_d; or two R_{4a} along with the nitrogen atom to which they are attached form a 3-7 membered heterocyclyl;

each R_d is independently F, Cl, -OH, -CN, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, C_{1-3} alkoxy, C_{1-3} fluoroalkoxy, $-C(O)OR_e$, $-C(O)NR_eR_e$, $-OC(O)NR_eR_e$, $-NHC(O)OR_e$, $-NR_eC(O)OR_e$, or $-S(O)_2R_e$; and

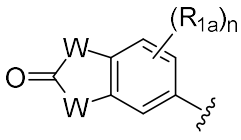
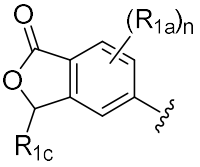
each R_e is independently H, C_{1-3} alkyl, C_{1-3} fluoroalkyl, C_{3-6} cycloalkyl, aryl, or heteroaryl; or two R_e along with the nitrogen atom to which they are attached form a 3-7 membered heterocyclyl.

3. The compound of claim 1 or a salt thereof, wherein:

R_{2a} is a nitrogen-linked heteroaryl selected from benzo[d]imidazolyl, indazolyl, indolyl, pyrazolo[3,4-b]pyridinyl, pyrazolo[3,4-c]pyridinyl, pyrazolo[4,3-b]pyridinyl, pyrrolo[2,3-b]pyridinyl, pyrrolo[2,3-c]pyridinyl, and pyrrolo[3,2-b]pyridinyl, wherein each of said heteroaryl is substituted with zero to 4 R_d; and

R_{2b} is phenyl or a carbon-linked heteroaryl selected from pyridinyl, pyrimidinyl, isobenzofuranonyl, benzo[d]oxazolonyl, and pyrazolo[1,5-a]pyrimidinyl, wherein each of said phenyl and said heteroaryl is substituted with zero to 4 R_d.

4. The compound of claim 1 or a salt thereof, wherein:

R_1 is:  or ;

one W is NR_{1b} and the other W is O;

each R_{1a} is independently selected from F, Cl, C_{1-3} alkyl, C_{1-3} fluoroalkyl, and C_{3-6} cycloalkyl;

R_{1b} is H, C_{1-3} alkyl, or C_{1-3} fluoroalkyl;

R_{1c} is H, C_{1-2} alkyl, or C_{3-6} cycloalkyl;

n is zero, 1, or 2;

R_a is H, F, -OH, C_{1-2} alkyl, $-CF_3$, $-CH_2OH$, cyclopropyl, $-OCH_3$, or $-OCF_3$;

R_b is H, C_{1-2} alkyl, or cyclopropyl;

R_c is H or $-CH_3$;

R_{2a} is a nitrogen-linked heteroaryl selected from benzo[d]imidazolyl, indazolyl, indolyl,

pyrazolo[3,4-b]pyridinyl, pyrazolo[3,4-c]pyridinyl, pyrazolo[4,3-b]pyridinyl, pyrrolo[2,3-b]pyridinyl, pyrrolo[2,3-c]pyridinyl, and pyrrolo[3,2-b]pyridinyl, wherein each of said heteroaryl is substituted with zero to 3 R_d;

R_{2b} is phenyl or a carbon-linked heteroaryl selected from pyridinyl, pyrimidinyl, isobenzofuranonyl, benzo[d]oxazolonyl, and pyrazolo[1,5-a]pyrimidinyl, wherein each of said phenyl and said heteroaryl is substituted with zero to 3 R_d;

each R_3 is independently H, C_{1-2} alkyl, C_{1-2} fluoroalkyl, C_{1-2} hydroxyalkyl, or C_{3-6} cycloalkyl;

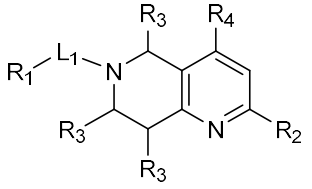
each R_4 is independently H, -CH_3, -CF_3, cyclopropyl, phenyl, or -$NR_{4a}R_{4a}$;

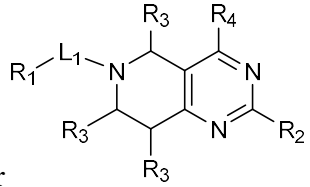
each R_{4a} is independently H or -CH_3;

each R_d is independently F, Cl, -OH, -CN, C_{1-2} alkyl, C_{1-2} fluoroalkyl, C_{3-6} cycloalkyl, C_{1-2} alkoxy, -OCF_3, -$C(O)OR_e$, -$C(O)NR_eR_e$, -$OC(O)NR_eR_e$, -$NHC(O)OR_e$, -$NR_eC(O)OR_e$, or -$S(O)_2R_e$; and

each R_e is independently H, -CH_3, -CF_3, or C_{3-6} cycloalkyl.

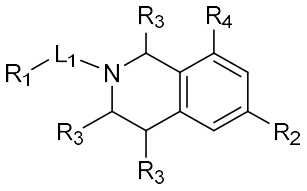
5. The compound of claim 1 or a salt thereof, having the structure of Formula (Ib) or (Ic):



(Ib) or


(Ic).

6. The compound of claim 1 or a salt thereof, having the structure of Formula (Ia):

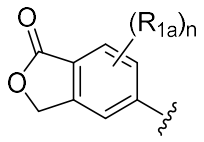
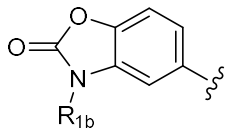


(Ia).

7. The compound of claim 1 or a salt thereof, wherein R_2 is R_{2a}.

8. The compound of claim 1 or a salt thereof, wherein R_2 is -L_2-R_{2b}.

9. The compound of claim 1 or a salt thereof, wherein:

R_1 is  or ;

R_{1b} is H or -CH_3;

L_1 is a bond, -CH_2-, -CH_2CH_2-, -$CH(CH_2OH)$-, or -$CH(OH)CH_2$-;

L_2 is -NH-, -$N(CH_3)$-, or -$NHCH_2$-;

R_{2a} is a nitrogen-linked heteroaryl selected from benzo[d]imidazolyl, indazolyl, indolyl, pyrazolo[3,4-b]pyridinyl, pyrazolo[3,4-c]pyridinyl, pyrazolo[4,3-b]pyridinyl, pyrrolo[2,3-b]pyridinyl, pyrrolo[2,3-c]pyridinyl, and pyrrolo[3,2-b]pyridinyl, wherein each of said heteroaryl is substituted with zero to 1 substituent selected from -CN;

R_{2b} is phenyl or a carbon-linked heteroaryl selected from pyridinyl, pyrimidinyl, isobenzofuranonyl, benzo[d]oxazolonyl, and pyrazolo[1,5-a]pyrimidinyl, wherein each of said phenyl and said heteroaryl is substituted with zero to 2 substituents independently selected from F, -CN, and -CH_3;

each R_3 is H; and

each R_4 is H.

10. The compound according to claim 1 or a salt thereof, wherein said compound is:

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-4-carbonitrile;

2-fluoro-5-((6-((1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

1-(6-(2-hydroxy-2-(3-methyl-2-oxo-2,3-dihydrobenzo[d]oxazol-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indazole-4-carbonitrile;

2-fluoro-4-((2-((1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzonitrile;

4-methyl-5-((2-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)amino)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)methyl)isobenzofuran-1(3H)-one;

2-fluoro-4-((2-(2-(1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzonitrile;

2-fluoro-4-((6-(2-(1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino)benzonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-3-carbonitrile;

1-(6-(2-hydroxy-1-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-3-carbonitrile;

2-fluoro-4-(((2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)methyl)benzonitrile;

1-(6-((1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indazole-5-carbonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indazole-4-carbonitrile;

1-(6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indazole-5-carbonitrile;

3-methyl-5-((2-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzo[d]oxazol-2(3H)-one;

5-((6-((1-oxo-1,3-dihydroisobenzofuran-5-yl)amino)-3,4-dihydroisoquinolin-2(1H)-yl)methyl)isobenzofuran-1(3H)-one;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-5-carbonitrile-;

1-(6-(2-hydroxy-2-(1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-5-carbonitrile;

1-(6-(2-hydroxy-2-(1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-4-carbonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridine-4-carbonitrile;

1-(6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-4-carbonitrile;

1-(6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-5-carbonitrile;

1-(6-(2-hydroxy-2-(3-methyl-2-oxo-2,3-dihydrobenzo[d]oxazol-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-4-carbonitrile;

1-(6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-3-carbonitrile;

1-(2-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)-1H-indole-4-carbonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indole-6-carbonitrile;

2-fluoro-4-((6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

2-fluoro-4-((6-(2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

2-fluoro-4-((6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

2-fluoro-4-((6-(2-hydroxy-1-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

2-fluoro-4-((6-(2-hydroxy-1-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

2-fluoro-4-((2-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzonitrile;

4-methyl-6-((6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)nicotinonitrile;

2-fluoro-4-((2-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzonitrile;

2-fluoro-4-((2-(2-hydroxy-1-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzonitrile;

4-methyl-6-((2-((1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)nicotinonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrazolo[3,4-b]pyridine-4-carbonitrile;

5-(2-(2-(1H-pyrrolo[3,2-b]pyridin-1-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)-1-hydroxyethyl)-4-methylisobenzofuran-1(3H)-one;

2-((2-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)pyrimidine-5-carbonitrile;

4-methyl-5-((6-(pyrazolo[1,5-a]pyrimidin-5-ylamino)-3,4-dihydroisoquinolin-2(1H)-yl)methyl)isobenzofuran-1(3H)-one;

2-fluoro-6-((2-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzonitrile;

1-(6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-benzo[d]imidazole-4-carbonitrile;

5-(2-(2-(1H-pyrazolo[4,3-b]pyridin-1-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)-1-hydroxyethyl)-4-methylisobenzofuran-1(3H)-one;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-c]pyridine-4-carbonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrazolo[3,4-c]pyridine-4-carbonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridine-5-carbonitrile;

1-(6-(2-hydroxy-1-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridine-5-carbonitrile;

1-(6-((1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridine-5-carbonitrile;

2-fluoro-4-(methyl(6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

2-fluoro-4-((2-((3-methyl-2-oxo-2,3-dihydrobenzo[d]oxazol-5-yl)methyl)-1,2,3,4-tetrahydroisoquinolin-6-yl)amino)benzonitrile;

3-methyl-5-((6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzo[d]oxazol-2(3H)-one;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indazole-5-carbonitrile;

ethyl 1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrazolo[4,3-b]pyridine-6-carboxylate;

methyl 1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrrolo[3,2-b]pyridine-6-carboxylate;

5-(2-(2-(1H-imidazo[4,5-b]pyridin-1-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)-1-hydroxyethyl)-4-methylisobenzofuran-1(3H)-one;

5-(1-hydroxy-2-(2-(pyridin-3-ylamino)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)ethyl)-4-methylisobenzofuran-1(3H)-one;

5-(2-(2-(3H-imidazo[4,5-b]pyridin-3-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)-1-hydroxyethyl)-4-methylisobenzofuran-1(3H)-one;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrazole-4-carbonitrile;

2-fluoro-4-((7-(hydroxymethyl)-6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

2-fluoro-4-((7-(hydroxymethyl)-6-((4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)methyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)benzonitrile;

5-(1-hydroxy-2-(2-(4-methyl-1H-imidazol-1-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)ethyl)-4-methylisobenzofuran-1(3H)-one;

5-(1-hydroxy-2-(2-(2-methyl-1H-imidazol-1-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)ethyl)-4-methylisobenzofuran-1(3H)-one;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-indazole-3-carbonitrile;

5-((6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)nicotinonitrile;

5-((6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)-3-methylbenzo[d]oxazol-2(3H)-one;

5-(2-(2-((5-(1H-tetrazol-1-yl)pyridine-2-yl)amino)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)-1-hydroxyethyl)-4-methylisobenzofuran-1(3H)-one;

6-((6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)amino)-4-methoxynicotinonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)indoline-4-carbonitrile;

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)indoline-4-carbonitrile;

5-(2-(2-(1H-imidazol-1-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)-1-hydroxyethyl)-4-methylisobenzofuran-1(3H)-one;

5-(2-(2-(1H-benzo[d]imidazol-1-yl)-7,8-dihydropyrido[4,3-d]pyrimidin-6(5H)-yl)-1-hydroxyethyl)-4-methylisobenzofuran-1(3H)-one; or

1-(6-(2-hydroxy-2-(4-methyl-1-oxo-1,3-dihydroisobenzofuran-5-yl)ethyl)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)-1H-pyrrolo[3,2-b]pyridine-3-carbonitrile.

11. A pharmaceutical composition comprising one or more compounds of claim 1 or a salt thereof; and a pharmaceutically acceptable carrier or diluent.

12. The compound according to claim 1, or pharmaceutically acceptable salt thereof, for use as a medicament.

13. The compound according to claim 1, or pharmaceutically acceptable salt thereof, for use in therapy.

14. The compound according to claim 1, or pharmaceutically acceptable salt thereof, for use in the treatment of a cardiovascular disease, wherein a therapeutically effective amount of the compound is to be administered to a patient in need thereof.

15. The compound for use according to claim 14, wherein said disease is selected from hypertension, coronary heart disease, stroke, heart failure, systolic heart failure, diastolic heart failure, diabetic heart failure, acute-decompensated heart failure, post-operative volume overload, idiopathic edema, pulmonary hypertension, pulmonary arterial hypertension, cardiac insufficiency, nephrotic syndrome, and acute kidney insufficiency.

16. The compound according to claim 1, or pharmaceutically acceptable salt thereof, for use in the promotion of diuresis or natriuresis, wherein a therapeutically effective amount of the compound is to be administered to the patient in need thereof.

17. Use of the compound according to claim 1, or pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a cardiovascular disease, wherein a therapeutically effective amount of the medicament is to be administered to a patient in need thereof.

18. The use according to claim 17, wherein said disease is selected from hypertension, coronary heart disease, stroke, heart failure, systolic heart failure, diastolic heart failure, diabetic heart failure, acute-decompensated heart failure, post-operative volume overload, idiopathic edema, pulmonary hypertension, pulmonary arterial hypertension, cardiac insufficiency, nephrotic syndrome, and acute

kidney insufficiency.

19. Use of the compound according to claim 1, or pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the promotion of diuresis or natriuresis, wherein a therapeutically effective amount of the medicament is to be administered to the patient in need thereof.