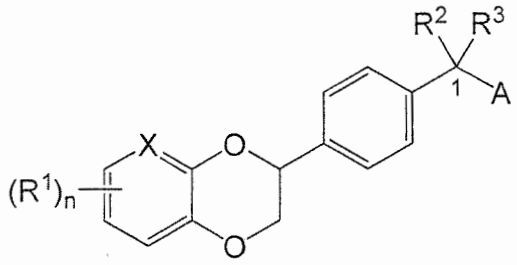
Example	IC_{50} (nM)	Example	IC_{50} (nM)	Example	IC_{50} (nM)	Example	IC_{50} (nM)
33	3.19	93	1.98	153	0.82	213	0.81
34	1.89	94	0.45	154	0.20	214	0.47
35	0.26	95	0.49	155	0.28	215	0.70
36	4.45	96	0.22	156	0.91	216	0.13
37	1.05	97	2.87	157	0.18	217	2.28
38	1.14	98	0.61	158	0.13	218	0.37
39	2.14	99	0.37	159	0.16	219	0.49
40	0.82	100	2.36	160	0.18	220	0.47
41	3.71	101	1.90	161	0.41	221	0.16
42	0.69	102	2.68	162	0.14	222	0.14
43	4.42	103	2.40	163	0.17	223	0.16
44	0.69	104	0.18	164	0.84	224	0.13
45	0.90	105	0.51	165	0.13	225	5.30
46	24.82	106	0.46	166	0.68	226	42.95
47	1.73	107	1.35	167	0.27	227	1.40
48	0.16	108	0.87	168	0.31	228	0.61
49	0.32	109	0.17	169	0.33	229	3.85
50	0.60	110	2.15	170	0.47	230	1.24
51	0.82	111	2.25	171	0.45	231	0.29
52	0.75	112	1.07	172	0.53	232	2.75
53	0.42	113	2.49	173	0.73	233	0.22
54	5.93	114	0.77	174	0.60	234	0.14
55	3.63	115	3.03	175	0.22	235	0.08
56	6.08	116	0.82	176	0.24	236	6.04
57	13.66	117	0.23	177	1.45	237	0.81
58	1.36	118	0.45	178	0.35	238	0.55
59	89.24	119	0.10	179	0.16	~~239~~	~~0.15~~
60	31.02	120	0.51	180	0.12		

The compounds of the invention are additionally tested in a human whole blood (HWB) assay to determine their ability to inhibit the synthesis of LTB_4 in a cellular system. Compounds are combined with heparinized human whole blood and incubated for 15 minutes at 37°C. Calcimycin (20μM final, prepared in phosphate-buffered saline, pH 7.4)

Claims

What is claimed is:

1. A compound of formula (I):



(I)

or a pharmaceutically acceptable salt thereof, wherein:

X is N or CH;

n is an integer from 0 to 3;

R^1 is selected from halo, -OH, -CN, -$(C_1$-$C_6)$alkyl, –O$(C_1$-$C_6)$alkyl, and -$(C_3$-$C_6)$cycloalkyl;

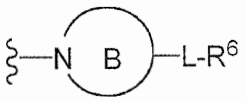
R^2 and R^3 are each independently selected from -H and -$(C_1$-$C_6)$alkyl; wherein R^2 and R^3 may join to form a 3- to 6-membered ring optionally comprising one to three heteroatoms, and further optionally substituted with one to three groups selected from halo, -OH, (=O), -$(C_1$-$C_6)$alkyl, -O$(C_1$-$C_6)$alkyl, -C(O)OH, -C(O)$(C_1$-$C_6)$alkyl, and -$C(O)NH_2$;

A is a group of formula -NR^4R^5, wherein

R^4 and R^5 are each independently selected from -H, -$(C_1$-$C_6)$alkyl, -$(C_3$-$C_6)$cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -$(C_6$-$C_{10})$aryl, and -(5- to 11-membered)heteroaryl; wherein each of the foregoing -$(C_1$-$C_6)$alkyl, -$(C_3$-$C_6)$cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -$(C_6$-$C_{10})$aryl, and -(5- to 11-membered)heteroaryl of said R^4 and R^5 groups is optionally independently substituted by one to three R^6 groups; wherein two R^6 groups when attached to the

same carbon atom of said -(C_1-C_6)alkyl may join to form a 3- to 6-membered ring optionally comprising one to three heteroatoms, and further optionally substituted with one to three groups selected from halo, -OH, (=O), -(C_1-C_6)alkyl, -O(C_1-C_6)alkyl, -C(O)OH, -C(O)(C_1-C_6)alkyl, and -$C(O)NH_2$;

or A is a (4- to 11-membered)N-heterocyclic ring of formula B:



wherein said ring B may be a non-aromatic 4-8 membered monocyclic radical; a bridged bicyclic radical; a spirocyclic radical; or a 6 to 11-membered fused bicyclic radical which may be non-aromatic or have one aromatic ring provided that the aromatic ring of the bicyclic radical, when present, is not attached to methylene carbon atom 1 of the compound of formula (I);

wherein said ring B may additionally comprise one to three additional ring heteroatoms independently selected from N, O and S;

wherein said ring B may be further optionally substituted by one to three groups selected from halo, -OH, (=O), -C(O)OH, -C(O)O-(C_1-C_6)alkyl, and -(C_1-C_6)alkyl; and

wherein L is absent or a linker selected from -(C_1-C_6)alkylene;

each R^6 is independently selected from halo, -OR^7, -CF_3, -CN, -(C_1-C_6)alkyl, -$C(O)R^7$, -$C(O)_2R^7$, -$C(O)N(R^7)_2$, -$N(R^7)_2$, -$NHC(O)R^7$, -$NHC(O)N(R^7)_2$, -$S(O)_2R^7$, -NH-$S(O)_2$-R^7, -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl; wherein each of said, -(C_1-C_6)alkyl, -O(C_1-C_6)alkyl, -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl of said R^6 group is optionally substituted where possible with one to three groups selected from halo, -OH, -CF_3, -CN, (=O), -(C_1-C_6)alkyl, -C(O)OH, -C(O)O-(C_1-C_6)alkyl, -NH_2, -NH(C_1-C_6)alkyl, -N((C_1-C_6)alkyl)$_2$, -$S(O)_2$(C_1-C_6)alkyl, -(C_3-

C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl; and

each R^7 is independently selected from -H, -(C_1-C_6)alkyl, -(C_1-C_6)alkyl, -(C_1-C_6)alkyl-OH, -(C_1-C_6)alkyl-O-(C_1-C_6)alkyl, -(C_3-C_6)cycloalkyl, -(C_3-C_6)cycloalkyl-OH, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl.

2. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein group A is a group of formula -NR^4R^5.

3. The compound of claim 1 or 2, or a pharmaceutically acceptable salt thereof, wherein R^4 is -H or -(C_1-C_6)alkyl, and R^5 is -(C_1-C_6)alkyl; wherein each -(C_1-C_6)alkyl of said R^4 and R^5 groups, when present, is optionally independently substituted by one to three R^6 groups.

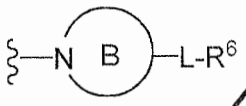
4. The compound of claim 1 or 3, or a pharmaceutically acceptable salt thereof, wherein R^4 is –H or -(C_1-C_6)alkyl, and R^5 is -(C_1-C_6)alkyl; wherein said -(C_1-C_6)alkyl of said R^5 group is substituted by -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, or -(5- to 11-membered)heteroaryl; wherein each of said, -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl is optionally substituted with one to three groups independently selected from -(C_1-C_6)alkyl, -CF_3, and -C(O)OR^8.

5. The compound of claim 1 or 2, or a pharmaceutically acceptable salt thereof, wherein R^4 is -H or -(C_1-C_6)alkyl, and R^5 is -(C_1-C_6)alkyl; wherein said -(C_1-C_6)alkyl of said R^5 group is independently substituted by one to three groups selected from-(C_1-C_6)alkyl, -O(C_1-C_6)alkyl, -C(O)R^8, -C(O)OR^8, -$S(O)_2R^8$, and -NHC(O)R^8.

6. The compound of claim 1 or 2, or a pharmaceutically acceptable salt thereof, wherein R^4 and R^5 are each independently selected from –H or -(C_1-C_6)alkyl.

7. The compound of claim 1 or 2, or a pharmaceutically acceptable salt thereof, wherein R^4 is –H or -(C_1-C_6)alkyl, and R^5 is -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl; wherein each of the foregoing -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl groups of said R^5 is optionally independently substituted by one to three groups selected from -(C_1-C_6)alkyl, -O(C_1-C_6)alkyl, -C(O)R^8, -C(O)OR^8, -S(O)$_2$$R^8$, and -NHC(O)$R^8$.

8. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein group A is a (4- to 11-membered)N-heterocyclic ring of formula B:



9. The compound of claim 1 or 8, or a pharmaceutically acceptable salt thereof, wherein said ring B is 4-8 membered monocyclic radical.

10. The compound of claim 9, or a pharmaceutically acceptable salt thereof, wherein said 4-8 membered monocyclic radical is selected from the group consisting of azetidine, tetrahydropyrrole, piperidine, hexamethyleneimine, 1,2-diazetidine, pyrazolidine, imidazolidine, piperazine, hexahydrodiazepine, isoxazolidine, oxazolidine, tetrahydro-2H-1,3-oxazine, morpholine, and hexahydro-1,4-oxazepine; wherein said monocyclic ring may be further optionally substituted by one to three groups selected from halo, -OH, (=O), -C(O)OH, -C(O)O-(C_1-C_6)alkyl, and -(C_1-C_6)alkyl.

11. The compound of claim 1 or 8, or a pharmaceutically acceptable salt thereof, wherein said ring B is a spirocyclic heterocyclic radical.

12. The compound of claim 1 or 8, or a pharmaceutically acceptable salt thereof, wherein said ring B is a bridged bicyclic radical; or a 6 to 11-membered fused bicyclic radical which may be non-aromatic or have one aromatic ring provided that the aromatic ring of the bicyclic radical, when present, is not attached to methylene carbon atom 1 of the compound of formula (I).

13. The compound of claim 1 or 8, or a pharmaceutically acceptable salt thereof, wherein L is $-CH_2-$.

14. The compound of claim 1 or 8, or a pharmaceutically acceptable salt thereof, wherein L is absent.

15. The compound of claim 1 or 8, or a pharmaceutically acceptable salt thereof, wherein said 4-8-membered heterocyclic ring B is a selected from azetidinyl, pyrrolidinyl, piperidinyl and azepanyl; wherein each of the foregoing azetidinyl, pyrrolidinyl, piperidinyl and azepanyl rings is optionally substituted by one to three groups selected from halo, -OH, (=O), -C(O)OH, C(O)O-(C_1-C_6)alkyl, and (C_1-C_6)alkyl; and wherein

L is absent or a linker selected from -(C_1-C_6)alkylene; and wherein

R^6 is elected from halo, -OR^7, -CF_3, -CN, -(C_1-C_6)alkyl, -$C(O)R^7$, -$C(O)_2R^7$, -$C(O)N(R^7)_2$, -$N(R^7)_2$, -$NHC(O)R^7$, -$NHC(O)N(R^7)_2$, -$S(O)_2R^7$, -NH-$S(O)_2$-R^7, -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl; wherein each of said, -(C_1-C_6)alkyl, -O(C_1-C_6)alkyl, -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl of said R^6 group is optionally substituted where possible with one to three groups selected from halo, -OH, -CF_3, -CN, (=O), -(C_1-C_6)alkyl, -C(O)OH, -C(O)O-(C_1-C_6)alkyl, -NH_2, -NH(C_1-C_6)alkyl, -N((C_1-C_6)alkyl)$_2$, -$S(O)_2$(C_1-C_6)alkyl, -(C_3-C_6)cycloalkyl, -(4- to 11-membered)heterocycloalkyl, -(C_6-C_{10})aryl, and -(5- to 11-membered)heteroaryl.

16. The compound of any of the preceeding claims, or a pharmaceutically acceptable salt thereof, wherein X is N.

17. The compound of any of claims 1 to 15, or a pharmaceutically acceptable salt thereof, wherein X is CH.

18. A compound selected from the group consisting of:

4-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)butanoic acid;

4-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)benzoic acid;

(3S)-3-{4-[(1s,4s)-7-azabicyclo[2.2.1]hept-7-ylmethyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methanesulfonamide;

(3S)-3-[4-(azepan-1-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methylpiperidine;

7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]nonane-1-carboxamide;

7-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,7-diazaspiro[4.4]nonan-2-one;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carboxylic acid;

(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)(morpholin-4-yl)methanone;

8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,3,8-triazaspiro[4.5]decane-2,4-dione;

(3S)-3-{4-[(3-methoxypiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-yl)-N-methylacetamide;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-(1,1-dioxido-1,2-thiazolidin-2-yl)piperidine;

(3R)-1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}pyrrolidin-3-ol;

N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-2-hydroxyacetamide;

4-[(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methyl]benzoic acid;

(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)(morpholin-4-yl)methanone;

(3S)-3-[4-(morpholin-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

8-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2,8-diazaspiro[4.5]decan-1-one;
1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carbonitrile;
1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-methylpiperidine-4-carboxamide;
8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2,8-diazaspiro[4.5]decan-1-one;
N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-2-hydroxy-2-methylpropanamide;
N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-1-hydroxycyclopropanecarboxamide;
N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-ethylcyclopentanamine;
1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methylpiperidine-4-carboxamide;
N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methylcyclopentanamine;
1-[(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-3-yl)methyl]pyrrolidin-2-one;
1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methylpyrrolidine;
N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2-methyl-1-(pyrrolidin-1-yl)propan-2-amine;
N-cyclohexyl-N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N',N'-dimethylethane-1,2-diamine;
N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)acetamide;
N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methyl-2-(pyridin-2-yl)ethanamine;
(3S)-3-[4-(pyrrolidin-1-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;
1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-3-carboxamide;
1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carboxamide;
N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-yl)acetamide;
1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-(2-hydroxyethyl)piperidine-4-carboxamide;

(3S)-3-[4-(1,4-oxazepan-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;
1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-(2-hydroxyethyl)piperidine-4-carboxamide;
4-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)benzoic acid;
1-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)urea;
7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]nonan-2-one;
8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2-methyl-2,8-diazaspiro[4.5]decan-1-one;
1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-ol;
N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methanesulfonamide;
3-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)propan-1-ol;
(3S)-3-{4-[(4-methylpiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;
N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-ethylethanamine;
N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1-(methylsulfonyl)piperidin-4-amine;
(3S)-3-{4-[(4-fluoropiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;
1-(4-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,4-diazepan-1-yl)ethanone;
[(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl]acetic acid;
(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methanol;
4-[(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methyl]benzoic acid;
(3S)-3-{4-[(4-methyl-1,4-diazepan-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;
(3S)-3-{4-[(3-methoxypyrrolidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine; and
N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N,2-dimethylpropan-2-amine; or

a pharmaceutically salt thereof of each of the foregoing.

19. The compound 4-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperazine-1-carboxamide, or a pharmaceutically acceptable salt thereof.

20. The compound 1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carboxylic acid, or a pharmaceutically acceptable salt thereof.

21. The compound [(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl]acetic acid, or a pharmaceutically acceptable salt thereof.

22. A pharmaceutical composition comprising the compound of any of claims 1 to 21, or a pharmaceutically acceptable salt thereof.

23. Use of a compound of any of claims 1 to 21, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of leukotriene-mediated disorders.

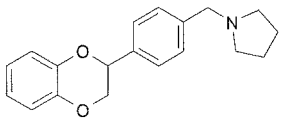
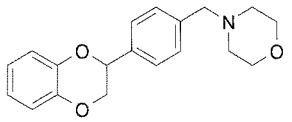
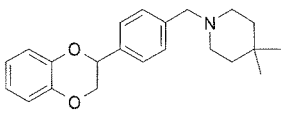
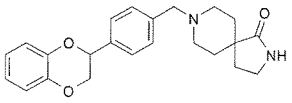
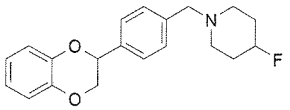
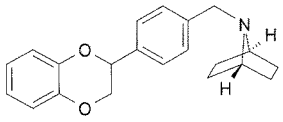
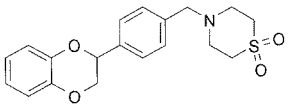
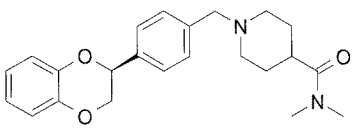
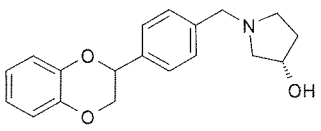
24. Use of a compound of any of claims 1 to 21, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a cardiovascular disease.

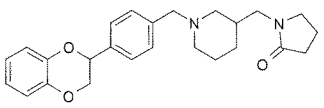
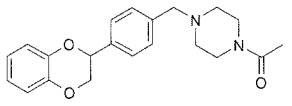
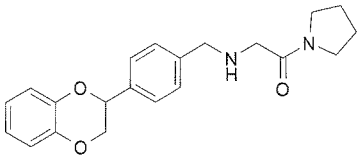
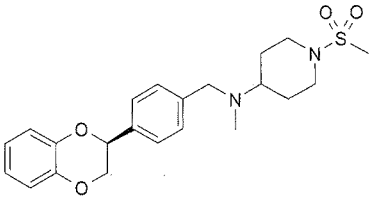
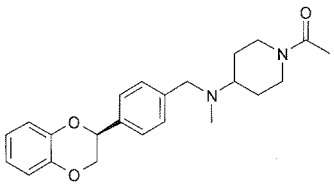
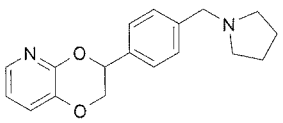
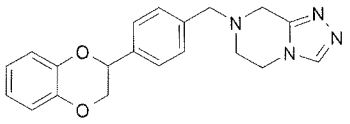
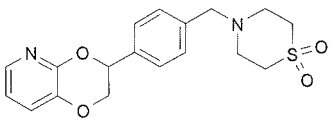
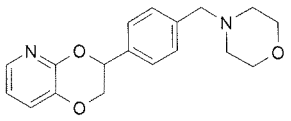
25. The use of claim 24, wherein the cardiovascular disease is selected from the group consisting of atherosclerosis, myocardial infarction, stroke, aortic aneurysm, sickle cell crisis, ischemia-reperfusion injury, pulmonary arterial hypertension and sepsis.

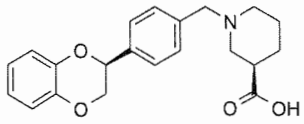
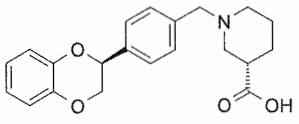
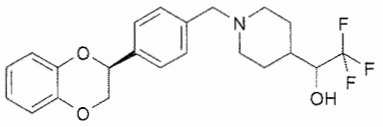
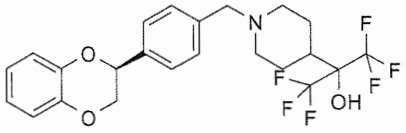
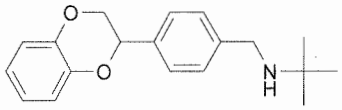
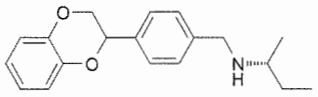
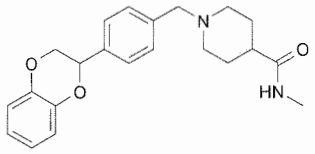
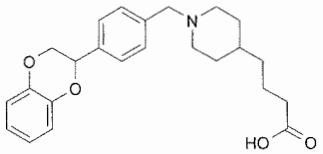
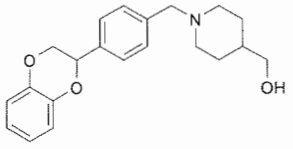
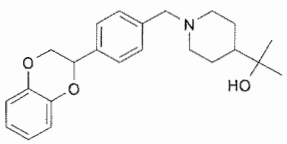
26. Use of a compound of any of claims 1 to 21, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of atherosclerosis.

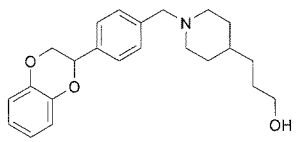
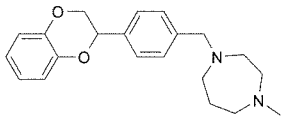
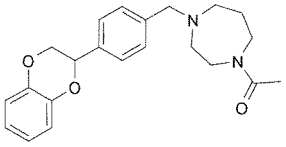
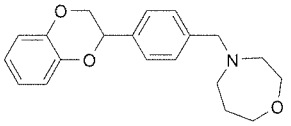
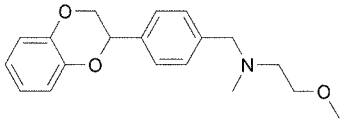
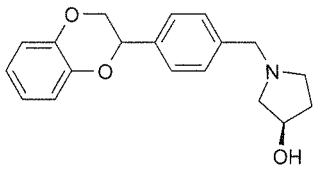
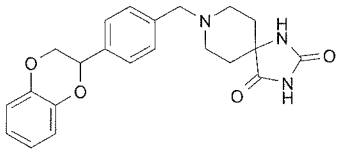
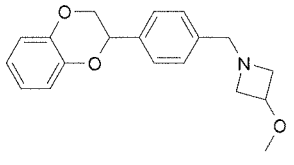
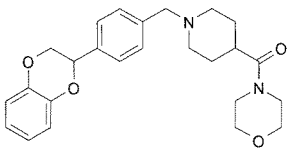
Claims

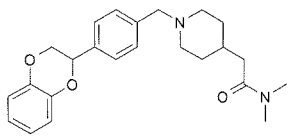
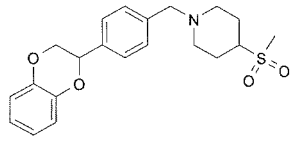
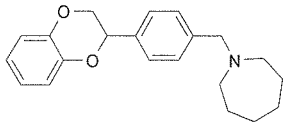
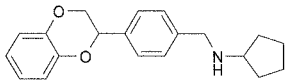
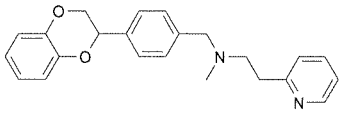
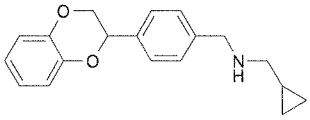
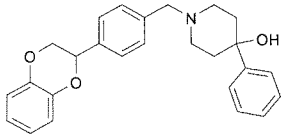
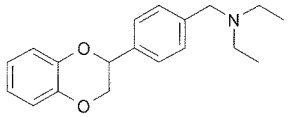
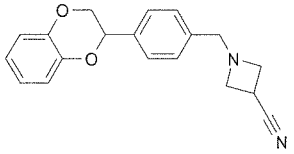
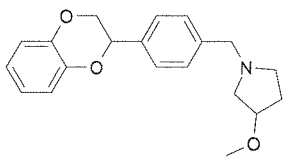
1. A compound selected from the group consisting of:

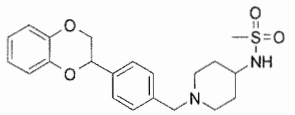
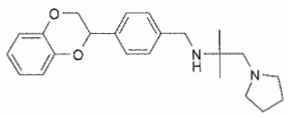
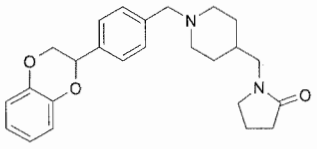
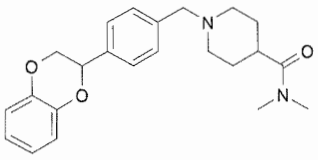
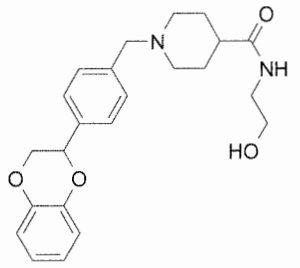
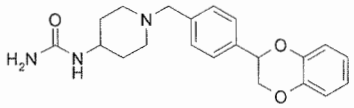
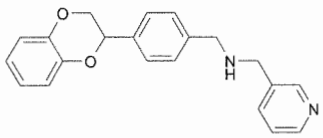
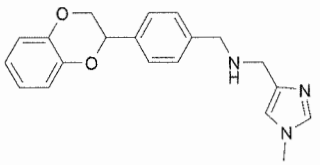
Cpd No.	Structure	Name
1		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]pyrrolidine
2		4-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]morpholine
3		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-4,4-dimethylpiperidine
4		8-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-2,8-diazaspiro[4.5]decan-1-one
5		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-4-fluoropiperidine
6		(1s,4s)-7-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-7-azabicyclo[2.2.1]heptane
7		4-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]thiomorpholine 1,1-dioxide
8		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N,N-dimethylpiperidine-4-carboxamide
9		(3S)-1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]pyrrolidin-3-ol

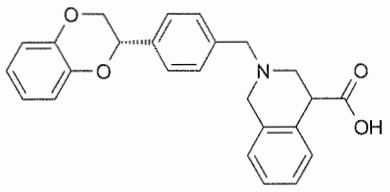
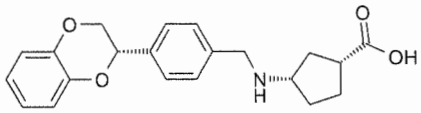
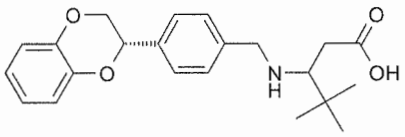
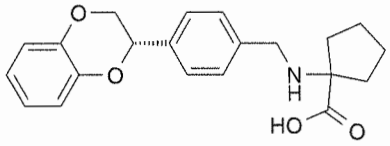
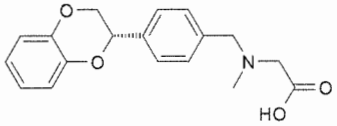
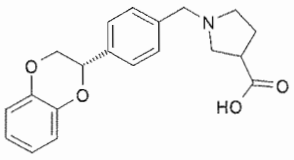
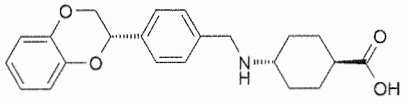
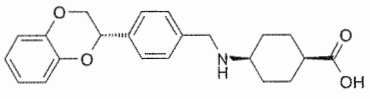
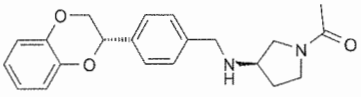
10		1-({1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-3-yl}methyl)pyrrolidin-2-one
11		1-{4-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperazin-1-yl}ethanone
12		2-{[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]amino}-1-(pyrrolidin-1-yl)ethanone
13		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-methyl-1-(methylsulfonyl)piperidin-4-amine
14		1-{4-[{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}(methyl)amino]piperidin-1-yl}ethanone
15		3-[4-(pyrrolidin-1-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
16		7-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-5,6,7,8-tetrahydro[1,2,4]triazolo[4,3-a]pyrazine
17		3-{4-[(1,1-dioxidothiomorpholin-4-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
18		3-[4-(morpholin-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine

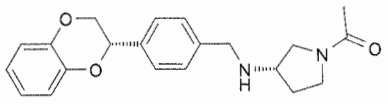
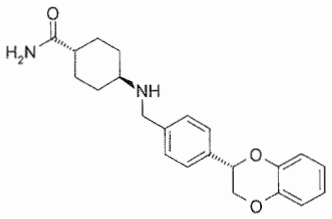
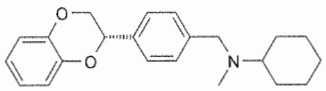
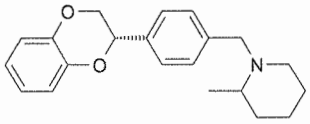
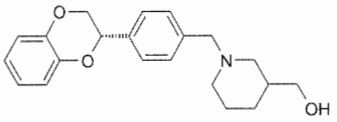
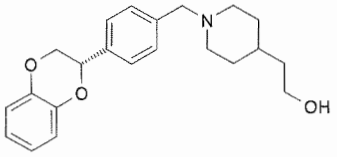
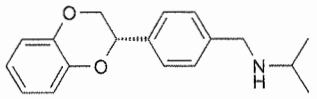
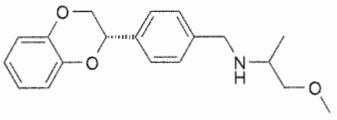
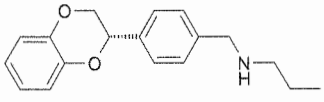
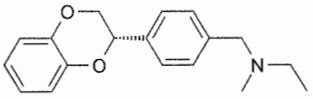
19		(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-3-carboxylic acid
20		(3S)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-3-carboxylic acid
21		1-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)-2,2,2-trifluoroethanol
22		2-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)-1,1,1,3,3,3-hexafluoropropan-2-ol
23		N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-2-methylpropan-2-amine
24		(2R)-N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]butan-2-amine
25		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-N-methylpiperidine-4-carboxamide
26		4-{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}butanoic acid
27		{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}methanol
28		2-{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}propan-2-ol

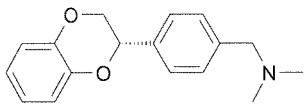
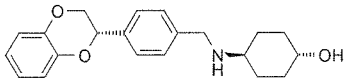
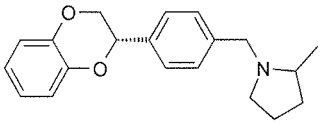
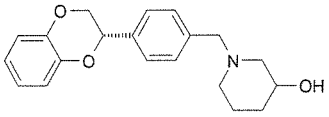
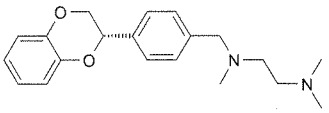
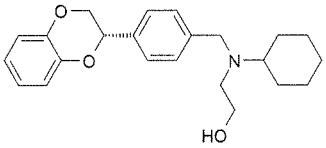
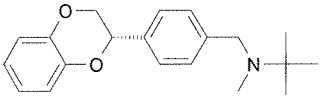
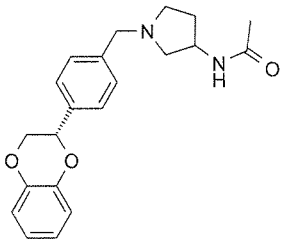
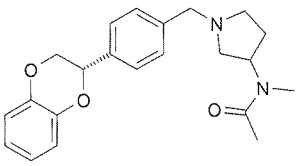
29		3-{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}propan-1-ol
30		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-4-methyl-1,4-diazepane
31		1-{4-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-1,4-diazepan-1-yl}ethanone
32		4-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-1,4-oxazepane
33		N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-2-methoxy-N-methylethanamine
34		(3R)-1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]pyrrolidin-3-ol
35		8-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-1,3,8-triazaspiro[4.5]decane-2,4-dione
36		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-3-methoxyazetidine
37		{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}(morpholin-4-yl)methanone

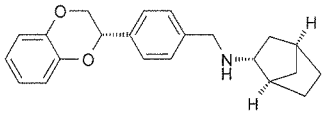
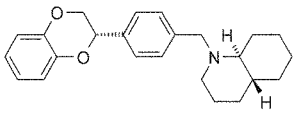
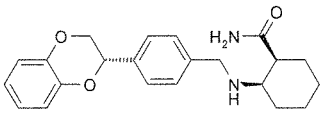
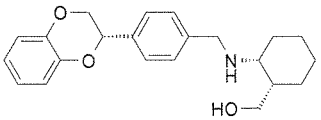
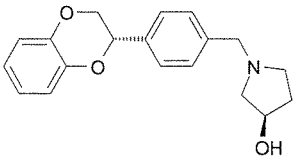
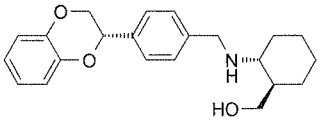
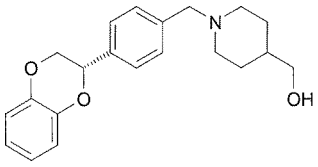
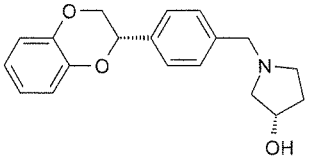
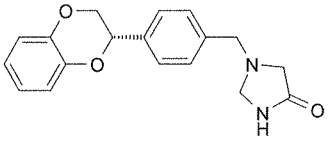
38		2-{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}-N,N-dimethylacetamide
39		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-4-(methylsulfonyl)piperidine
40		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]azepane
41		N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]cyclopentanamine
42		N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-N-methyl-2-(pyridin-2-yl)ethanamine
43		1-cyclopropyl-N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]methanamine
44		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-4-phenylpiperidin-4-ol
45		N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-N-ethylethanamine
46		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]azetidine-3-carbonitrile
47		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-3-methoxypyrrolidine

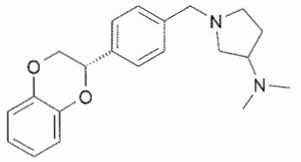
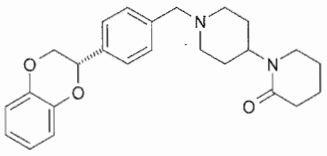
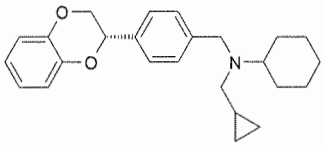
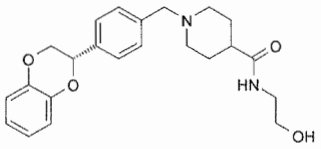
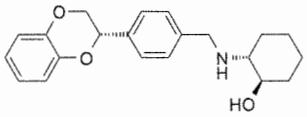
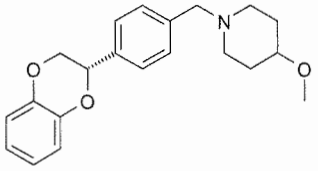
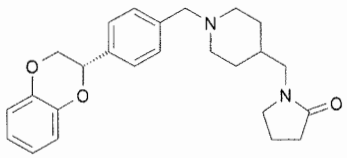
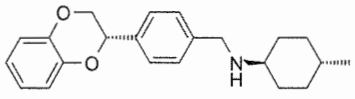
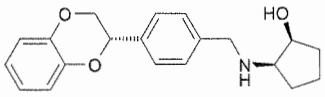
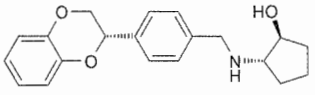
48		N-{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}methanesulfonamide
49		N-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-2-methyl-1-(pyrrolidin-1-yl)propan-2-amine
50		1-({1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}methyl)pyrrolidin-2-one
51		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-N,N-dimethylpiperidine-4-carboxamide
52		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-N-(2-hydroxyethyl)piperidine-4-carboxamide
53		1-{1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidin-4-yl}urea
54		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)phenyl]-N-(pyridin-3-ylmethyl)methanamine
55		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)phenyl]-N-[(1-methyl-1H-imidazol-4-yl)methyl]methanamine

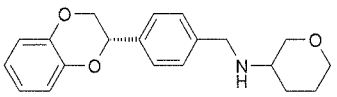
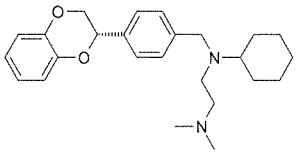
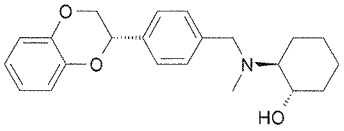
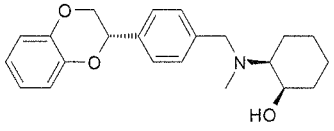
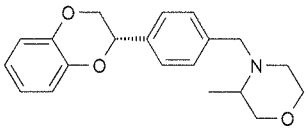
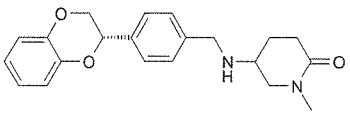
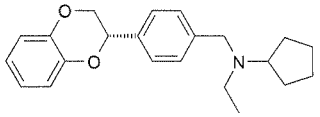
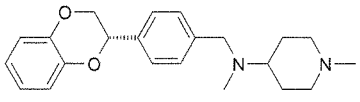
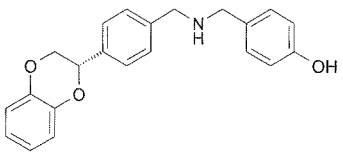
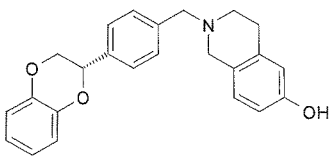
56		2-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,2,3,4-tetrahydroisoquinoline-4-carboxylic acid
57		(1R,3S)-3-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclopentanecarboxylic acid
58		3-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)-4,4-dimethylpentanoic acid
59		1-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclopentanecarboxylic acid
60		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-methylglycine
61		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidine-3-carboxylic acid
62		trans-4-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexanecarboxylic acid
63		cis-4-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexanecarboxylic acid
64		1-[(3R)-3-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)pyrrolidin-1-yl]ethanone

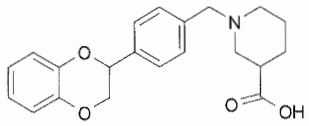
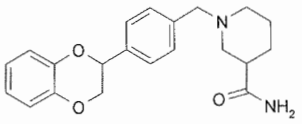
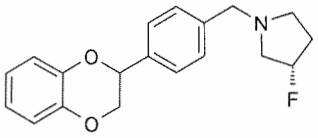
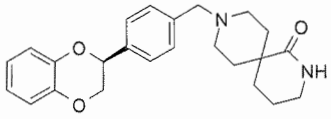
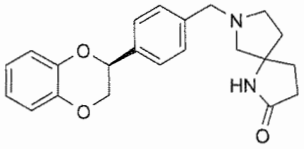
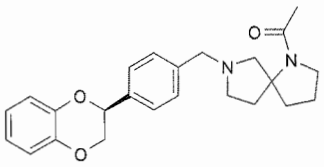
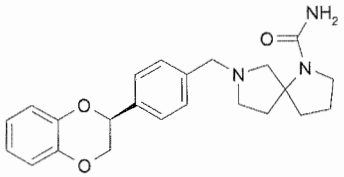
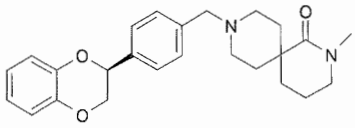
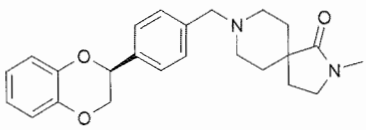
65		1-[(3S)-3-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)pyrrolidin-1-yl]ethanone
66		trans-4-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexanecarboxamide
67		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-methylcyclohexanamine
68		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methylpiperidine
69		(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl)methanol
70		2-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)ethanol
71		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}propan-2-amine
72		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1-methoxypropan-2-amine
73		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}propan-1-amine
74		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-methylethanamine

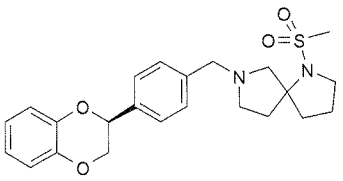
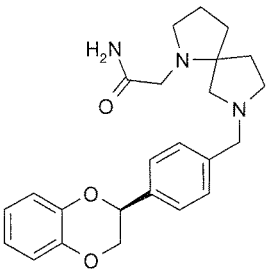
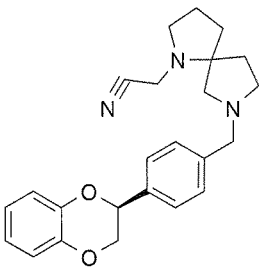
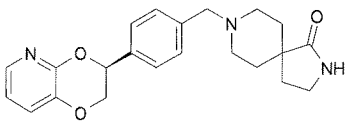
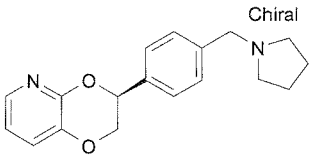
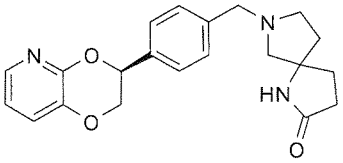
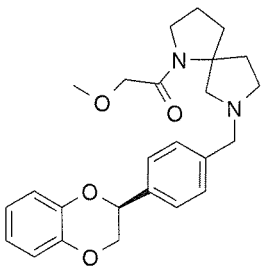
75		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]phenyl}-N,N-dimethylmethanamine
76		trans-4-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexanol
77		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methylpyrrolidine
78		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-ol
79		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N,N',N'-trimethylethane-1,2-diamine
80		2-(cyclohexyl{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)ethanol
81		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N,2-dimethylpropan-2-amine
82		N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-yl)acetamide
83		N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-yl)-N-methylacetamide

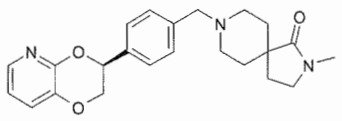
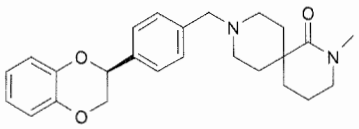
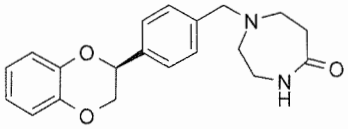
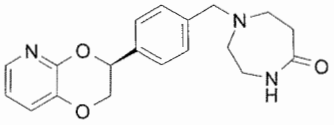
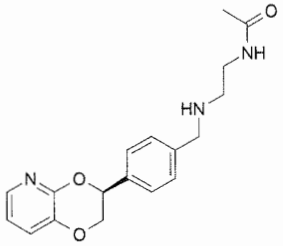
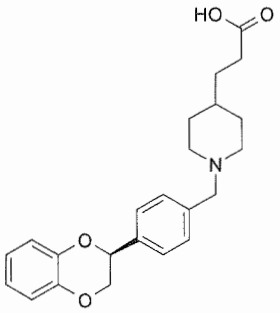
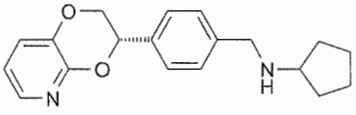
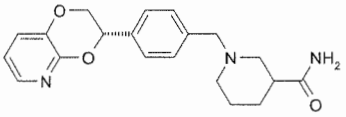
84		(1R,2R,4S)-N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}bicyclo[2.2.1]heptan-2-amine
85		(4aR,8aS)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}decahydroquinoline
86		(1S,2R)-2-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexanecarboxamide
87		[(1S,2R)-2-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexyl]methanol
88		(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-ol
89		[(1R,2R)-2-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexyl]methanol
90		(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methanol
91		(3S)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-ol
92		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}imidazolidin-4-one

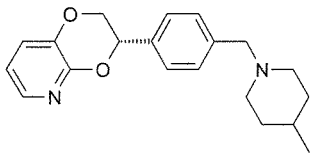
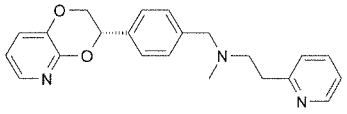
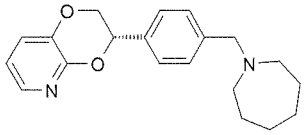
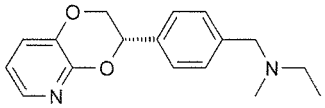
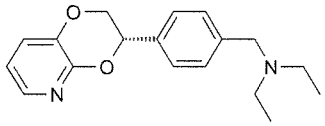
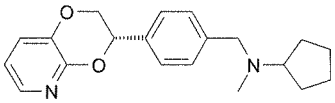
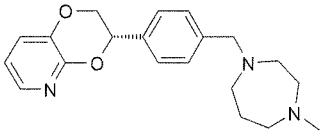
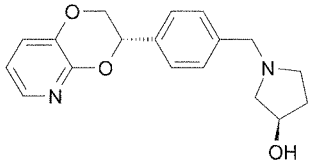
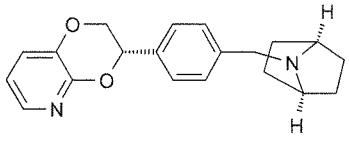
93		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N,N-dimethylpyrrolidin-3-amine
94		1'-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,4'-bipiperidin-2-one
95		N-(cyclopropylmethyl)-N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}cyclohexanamine
96		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-(2-hydroxyethyl)piperidine-4-carboxamide
97		(1R,2R)-2-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclohexanol
98		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-methoxypiperidine
99		1-[(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methyl]pyrrolidin-2-one
100		trans-N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-methylcyclohexanamine
101		(1S,2R)-2-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclopentanol
102		(1S,2S)-2-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclopentanol

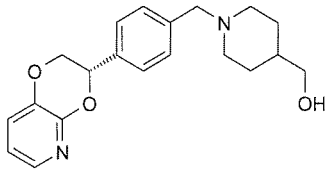
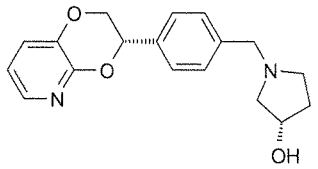
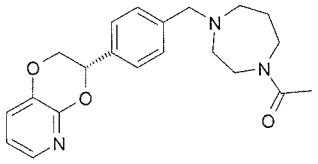
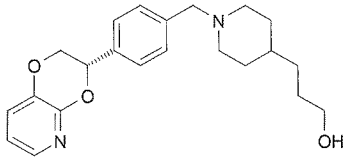
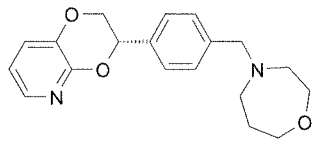
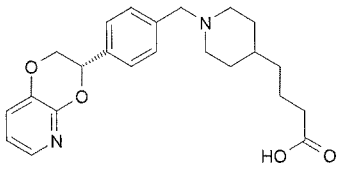
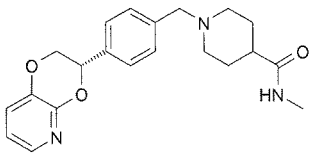
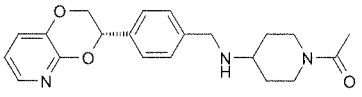
103		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}tetrahydro-2H-pyran-3-amine
104		N-cyclohexyl-N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N',N'-dimethylethane-1,2-diamine
105		(1S,2S)-2-[{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}(methyl)amino]cyclohexanol
106		(1R,2S)-2-[{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}(methyl)amino]cyclohexanol
107		4-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-3-methylmorpholine
108		5-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)-1-methylpiperidin-2-one
109		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-ethylcyclopentanamine
110		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N,1-dimethylpiperidin-4-amine
111		4-[({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)methyl]phenol
112		2-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,2,3,4-tetrahydroisoquinolin-6-ol

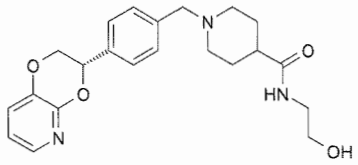
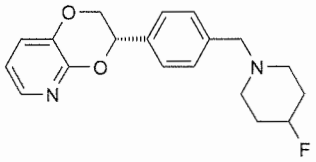
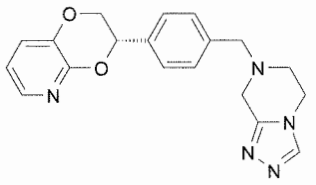
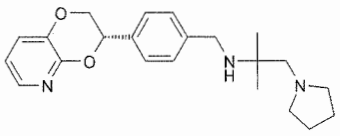
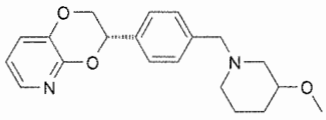
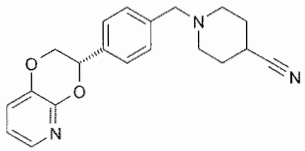
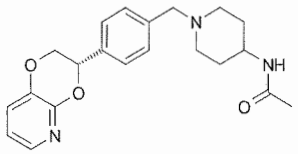
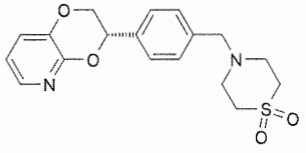
113		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidine-3-carboxylic acid
114		1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]piperidine-3-carboxamide
115		(3S)-1-[4-(2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]-3-fluoropyrrolidine
116		9-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2,9-diazaspiro[5.5]undecan-1-one
117		7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]nonan-2-one
118		1-(7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]non-1-yl)ethanone
119		7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]nonane-1-carboxamide
120		9-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methyl-2,9-diazaspiro[5.5]undecan-1-one
121		8-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methyl-2,8-diazaspiro[4.5]decan-1-one

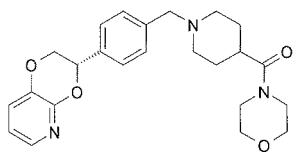
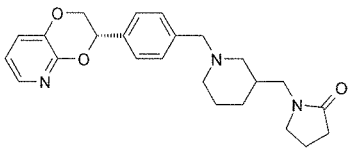
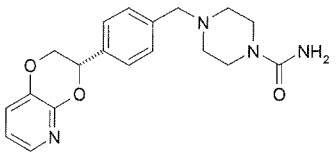
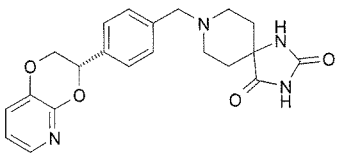
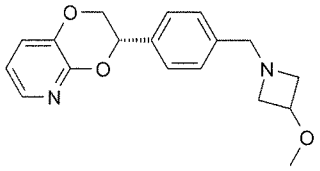
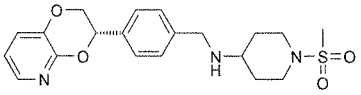
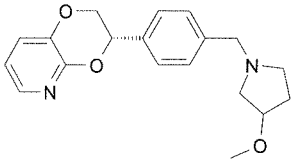
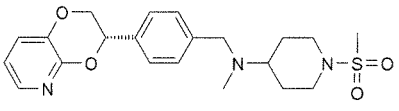
122		7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1-(methylsulfonyl)-1,7-diazaspiro[4.4]nonane
123		2-(7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]non-1-yl)acetamide
124		(7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]non-1-yl)acetonitrile
125		8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2,8-diazaspiro[4.5]decan-1-one
126		(3S)-3-[4-(pyrrolidin-1-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
127		7-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,7-diazaspiro[4.4]nonan-2-one
128		1-(7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]non-1-yl)-2-methoxyethanone

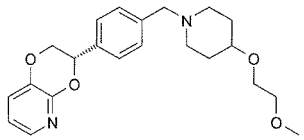
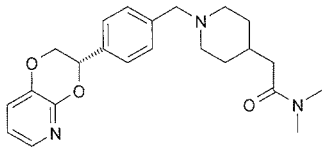
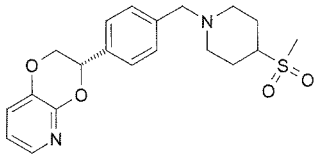
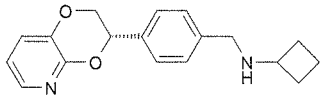
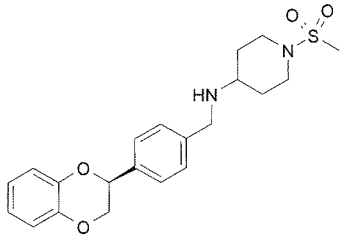
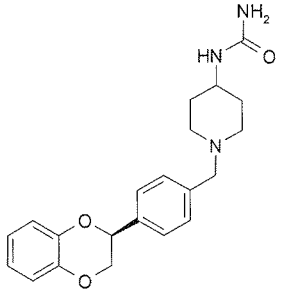
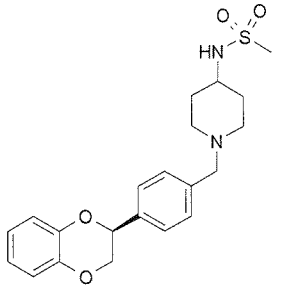
129		8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2-methyl-2,8-diazaspiro[4.5]decan-1-one
130		9-[(S)-4-(2,3-Dihydro-benzo[1,4]dioxin-2-yl)-benzyl]-2-methyl-2,9-diaza-spiro[5.5]undecan-1-one
131		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,4-diazepan-5-one
132		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,4-diazepan-5-one
133		N-[2-({4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}amino)ethyl]acetamide
134		3-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)propanoic acid
135		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}cyclopentanamine
136		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-3-carboxamide

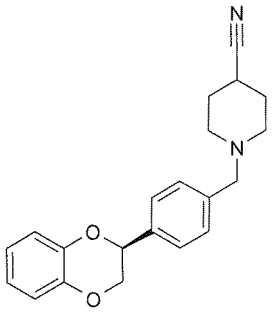
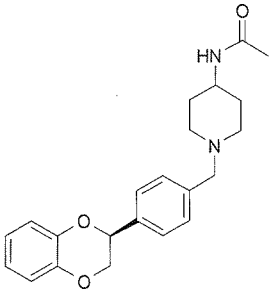
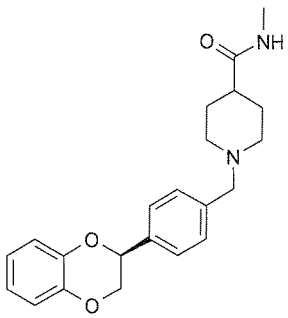
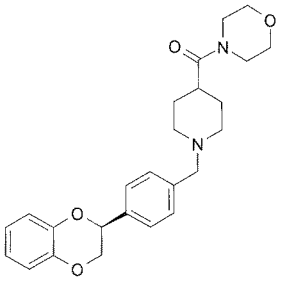
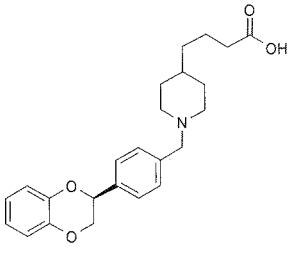
137		(3S)-3-{4-[(4-methylpiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
138		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methyl-2-(pyridin-2-yl)ethanamine
139		(3S)-3-[4-(azepan-1-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
140		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methylethanamine
141		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-ethylethanamine
142		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methylcyclopentanamine
143		(3S)-3-{4-[(4-methyl-1,4-diazepan-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
144		(3R)-1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}pyrrolidin-3-ol
145		(3S)-3-{4-[(1s,4s)-7-azabicyclo[2.2.1]hept-7-ylmethyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine

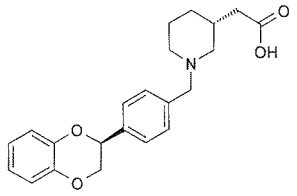
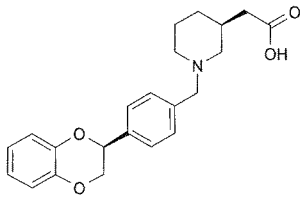
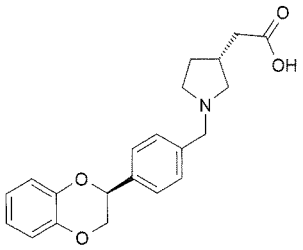
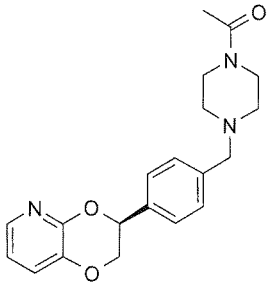
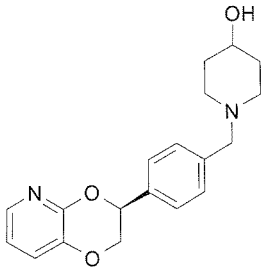
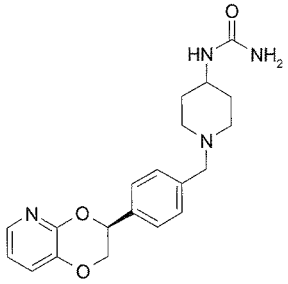
146		(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methanol
147		(3S)-1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}pyrrolidin-3-ol
148		1-(4-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,4-diazepan-1-yl)ethanone
149		3-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)propan-1-ol
150		(3S)-3-[4-(1,4-oxazepan-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
151		4-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)butanoic acid
152		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methylpiperidine-4-carboxamide
153		1-[4-({4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}amino)piperidin-1-yl]ethanone

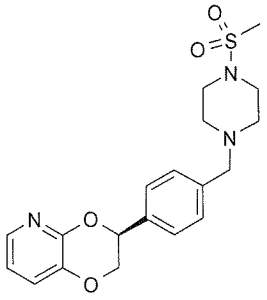
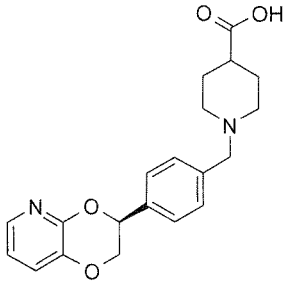
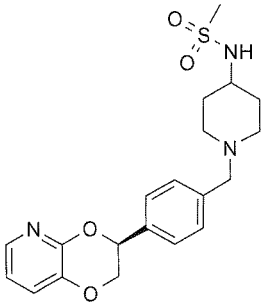
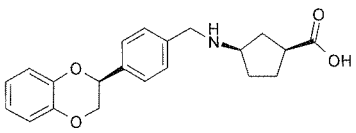
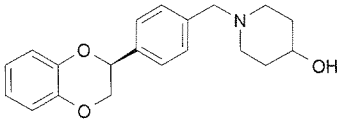
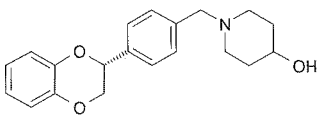
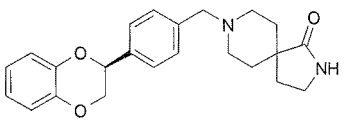
154		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-(2-hydroxyethyl)piperidine-4-carboxamide
155		(3S)-3-{4-[(4-fluoropiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
156		(3S)-3-[4-(5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
157		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2-methyl-1-(pyrrolidin-1-yl)propan-2-amine
158		(3S)-3-{4-[(3-methoxypiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
159		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carbonitrile
160		N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)acetamide
161		(3S)-3-{4-[(1,1-dioxidothiomorpholin-4-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine

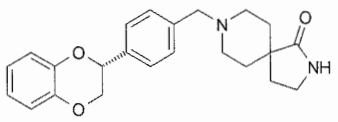
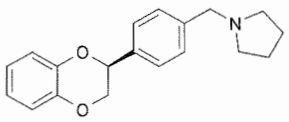
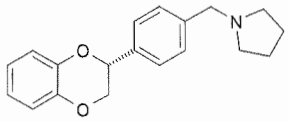
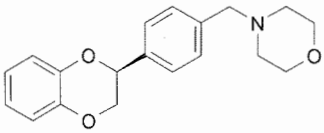
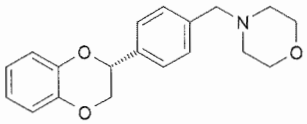
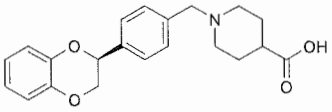
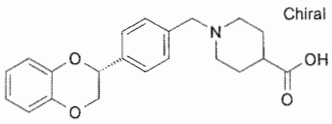
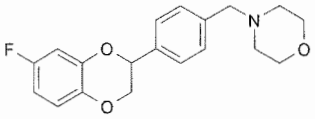
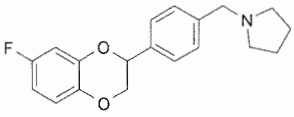
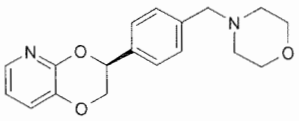
162		(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)(morpholin-4-yl)methanone
163		1-[(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-3-yl)methyl]pyrrolidin-2-one
164		4-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperazine-1-carboxamide
165		8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,3,8-triazaspiro[4.5]decane-2,4-dione
166		(3S)-3-{4-[(3-methoxyazetidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
167		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1-(methylsulfonyl)piperidin-4-amine
168		(3S)-3-{4-[(3-methoxypyrrolidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
169		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methyl-1-(methylsulfonyl)piperidin-4-amine

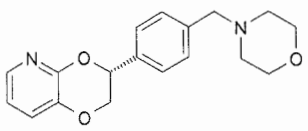
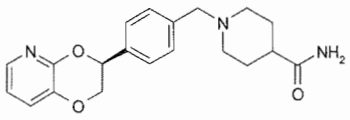
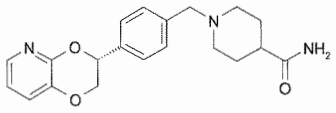
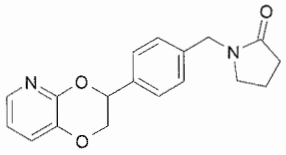
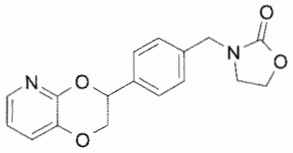
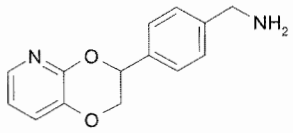
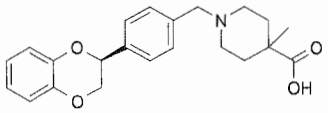
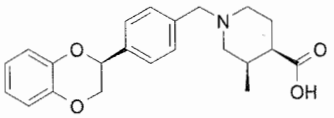
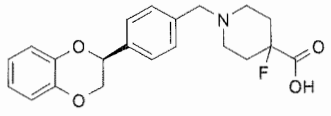
170		(3S)-3-(4-{[4-(2-methoxyethoxy)piperidin-1-yl]methyl}phenyl)-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
171		2-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-N,N-dimethylacetamide
172		(3S)-3-(4-{[4-(methylsulfonyl)piperidin-1-yl]methyl}phenyl)-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
173		N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}cyclobutanamine
174		N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1-(methylsulfonyl)piperidin-4-amine
175		1-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)urea
176		N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methanesulfonamide

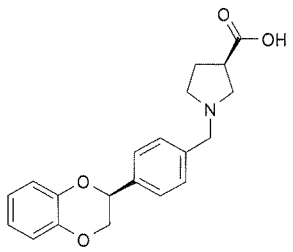
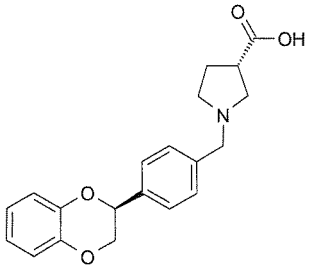
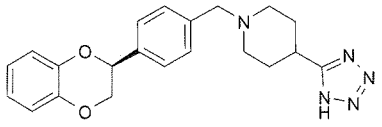
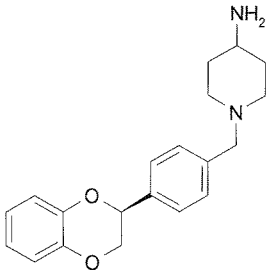
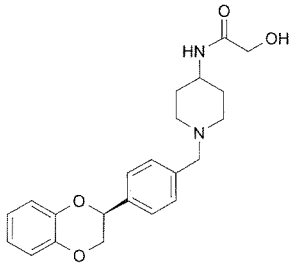
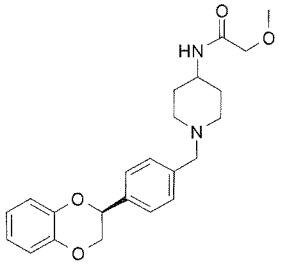
177		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carbonitrile
178		N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)acetamide
179		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-methylpiperidine-4-carboxamide
180		(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)(morpholin-4-yl)methanone
181		4-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)butanoic acid

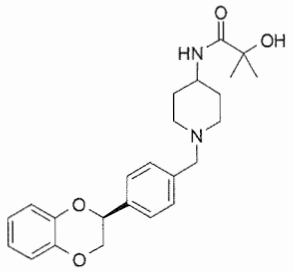
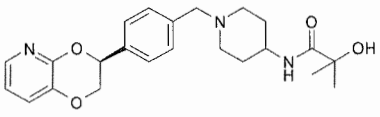
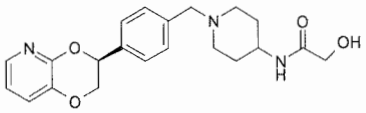
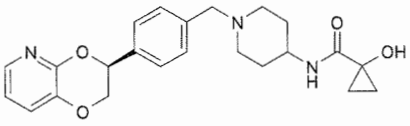
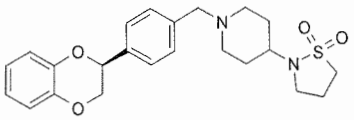
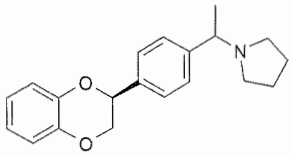
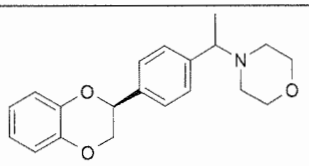
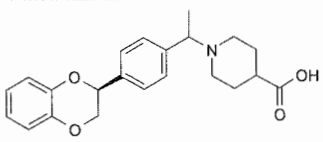
182		[(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl]acetic acid
183		[(3S)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl]acetic acid
184		[(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-yl]acetic acid
185		1-(4-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperazin-1-yl)ethanone
186		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-ol
187		1-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)urea

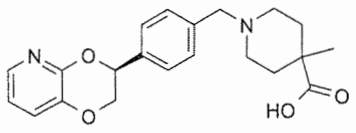
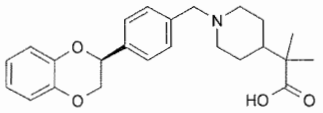
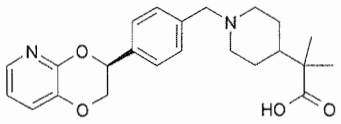
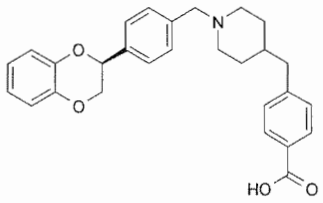
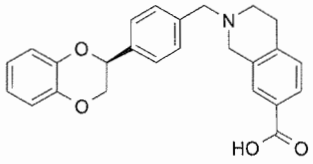
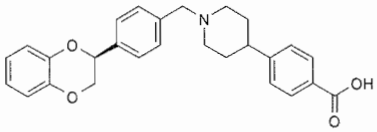
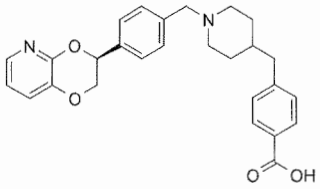
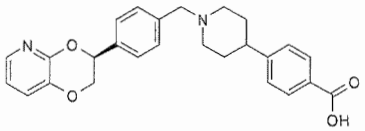
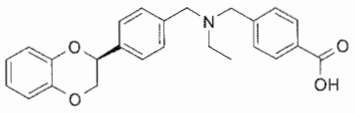
188		(3S)-3-(4-{[4-(methylsulfonyl)piperazin-1-yl]methyl}phenyl)-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
189		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carboxylic acid
190		N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methanesulfonamide
191		(1S,3R)-3-({4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)cyclopentanecarboxylic acid
192		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-ol
193		1-{4-[(2R)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-ol
194		8-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2,8-diazaspiro[4.5]decan-1-one

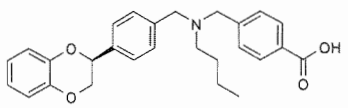
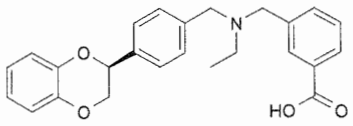
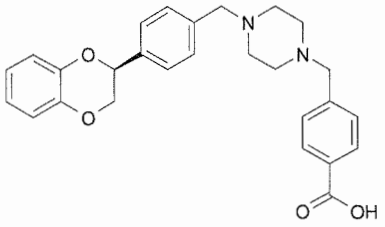
195		8-{4-[(2R)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2,8-diazaspiro[4.5]decan-1-one
196		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidine
197		1-{4-[(2R)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidine
198		4-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}morpholine
199		4-{4-[(2R)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}morpholine
200		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carboxylic acid
201		1-{4-[(2R)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carboxylic acid
202		4-[4-(7-fluoro-2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]morpholine
203		1-[4-(7-fluoro-2,3-dihydro-1,4-benzodioxin-2-yl)benzyl]pyrrolidine
204		(3S)-3-[4-(morpholin-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine

205		(3R)-3-[4-(morpholin-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine
206		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carboxamide
207		1-{4-[(3R)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carboxamide
208		1-[4-(2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl)benzyl]pyrrolidin-2-one
209		3-[4-(2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl)benzyl]-1,3-oxazolidin-2-one
210		1-[4-(2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl)phenyl]methanamine
211		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-methylpiperidine-4-carboxylic acid
212		(3R,4R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-3-methylpiperidine-4-carboxylic acid
213		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-fluoropiperidine-4-carboxylic acid

214		(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidine-3-carboxylic acid
215		(3S)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidine-3-carboxylic acid
216		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-(1H-tetrazol-5-yl)piperidine
217		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-amine
218		N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)-2-hydroxyacetamide
219		N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)-2-methoxyacetamide

220		N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)-2-hydroxy-2-methylpropanamide
221		N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-2-hydroxy-2-methylpropanamide
222		N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-2-hydroxyacetamide
223		N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-1-hydroxycyclopropanecarboxamide
224		1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-(1,1-dioxido-1,2-thiazolidin-2-yl)piperidine
225		1-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]phenyl}ethyl)pyrrolidine
226		4-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]phenyl}ethyl)morpholine
227		1-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]phenyl}ethyl)piperidine-4-carboxylic acid

228		1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-4-methylpiperidine-4-carboxylic acid
229		2-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)-2-methylpropanoic acid
230		2-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-2-methylpropanoic acid
231		4-[(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methyl]benzoic acid
232		2-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,2,3,4-tetrahydroisoquinoline-7-carboxylic acid
233		4-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)benzoic acid
234		4-[(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methyl]benzoic acid
235		4-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)benzoic acid
236		4-{[{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}(ethyl)amino]methyl}benzoic acid

237		4-[(butyl{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}amino)methyl]benzoic acid
238		3-{[{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}(ethyl)amino]methyl}benzoic acid
239		4-{4-[(S)-4-(2,3-dihydro-benzo[1,4]dioxin-2-yl)benzyl]-piperazin-1-ylmethyl}-benzoic acid

or a pharmaceutically acceptable salt thereof.

2. A compound according to claim 1 selected from the group consisting of:

4-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)butanoic acid;

4-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)benzoic acid;

(3S)-3-{4-[(1s,4s)-7-azabicyclo[2.2.1]hept-7-ylmethyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methanesulfonamide;

(3S)-3-[4-(azepan-1-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methylpiperidine;

7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]nonane-1-carboxamide;

7-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,7-diazaspiro[4.4]nonan-2-one;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carboxylic acid;

(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)(morpholin-4-yl)methanone;

8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,3,8-triazaspiro[4.5]decane-2,4-dione;

(3S)-3-{4-[(3-methoxypiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-yl)-N-methylacetamide;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-4-(1,1-dioxido-1,2-thiazolidin-2-yl)piperidine;

(3R)-1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}pyrrolidin-3-ol;

N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-2-hydroxyacetamide;

4-[(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methyl]benzoic acid;

(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)(morpholin-4-yl)methanone;

(3S)-3-[4-(morpholin-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

8-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2,8-diazaspiro[4.5]decan-1-one;

1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carbonitrile;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-methylpiperidine-4-carboxamide;

8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2,8-diazaspiro[4.5]decan-1-one;

N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-2-hydroxy-2-methylpropanamide;

N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)-1-hydroxycyclopropanecarboxamide;

N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-ethylcyclopentanamine;

1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methylpiperidine-4-carboxamide;

N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methylcyclopentanamine;

1-[(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-3-yl)methyl]pyrrolidin-2-one;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-2-methylpyrrolidine;

N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2-methyl-1-(pyrrolidin-1-yl)propan-2-amine;

N-cyclohexyl-N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N',N'-dimethylethane-1,2-diamine;

N-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)acetamide;

N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-methyl-2-(pyridin-2-yl)ethanamine;

(3S)-3-[4-(pyrrolidin-1-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-3-carboxamide;

1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidine-4-carboxamide;

N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}pyrrolidin-3-yl)acetamide;

1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-(2-hydroxyethyl)piperidine-4-carboxamide;

(3S)-3-[4-(1,4-oxazepan-4-ylmethyl)phenyl]-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N-(2-hydroxyethyl)piperidine-4-carboxamide;

4-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)benzoic acid;

1-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)urea;

7-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-1,7-diazaspiro[4.4]nonan-2-one;

8-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-2-methyl-2,8-diazaspiro[4.5]decan-1-one;

1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-ol;

N-(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methanesulfonamide;

3-(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)propan-1-ol;

(3S)-3-{4-[(4-methylpiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-N-ethylethanamine;

N-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1-(methylsulfonyl)piperidin-4-amine;

(3S)-3-{4-[(4-fluoropiperidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

1-(4-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}-1,4-diazepan-1-yl)ethanone;

[(3R)-1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl]acetic acid;

(1-{4-[(3S)-2,3-dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperidin-4-yl)methanol;

4-[(1-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-4-yl)methyl]benzoic acid;

(3S)-3-{4-[(4-methyl-1,4-diazepan-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine;

(3S)-3-{4-[(3-methoxypyrrolidin-1-yl)methyl]phenyl}-2,3-dihydro[1,4]dioxino[2,3-b]pyridine; and

N-{4-[(2S)-2,3-dihydro-1,4-benzodioxin-2-yl]benzyl}-N,2-dimethylpropan-2-amine; or a pharmaceutically salt thereof of each of the foregoing.

3. 4-{4-[(3S)-2,3-Dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperazine-1-carboxamide, or a pharmaceutically acceptable salt thereof.

4. 4-{4-[(3S)-2,3-Dihydro[1,4]dioxino[2,3-b]pyridin-3-yl]benzyl}piperazine-1-carboxamide.

5. 1-{4-[(2S)-2,3-Dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carboxylic acid, or a pharmaceutically acceptable salt thereof.

6. 1-{4-[(2S)-2,3-Dihydro-1,4-benzodioxin-2-yl]benzyl}piperidine-4-carboxylic acid.

7. [(3R)-1-{4-[(2S)-2,3-Dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl]acetic acid, or a pharmaceutically acceptable salt thereof.

8. [(3R)-1-{4-[(2S)-2,3-Dihydro-1,4-benzodioxin-2-yl]benzyl}piperidin-3-yl]acetic acid.

9. A pharmaceutical composition comprising the compound of any of claims 1 to 8, or a pharmaceutically acceptable salt thereof.