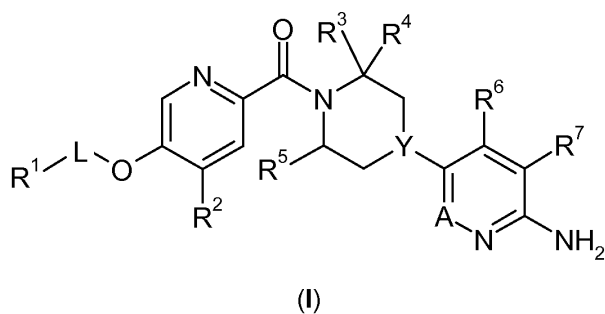


Claims

What is claimed is:

1. A compound of formula (I)



wherein

L is absent or is methylene or ethylene;

Y is CH or N;

A is CH or N;

R¹ is selected from the group consisting of:

C₁₋₆alkyl optionally substituted with 1 to 3 groups independently selected from the group consisting of halo, C₃₋₆cycloalkyl and OC₃₋₆cycloalkyl;

phenyl optionally substituted with 1 to 3 groups independently selected from the group consisting of CF₃, halo, C₃₋₆cycloalkyl, OC₃₋₆cycloalkyl, OC₁₋₆alkyl optionally substituted with one to three halo; and

C₃₋₆cycloalkyl optionally substituted with 1 to 3 groups independently selected from the group consisting of halo and C₁₋₆alkyl optionally substituted with 1 to 3 halo;

R² is selected from the group consisting of H, C₁₋₆alkyl, OCF₃, C₃₋₆cycloalkyl, OC₁₋₆alkyl, OC₃₋₆cycloalkyl;

R³ is selected from the group consisting of H, C₁₋₆alkyl, C₃₋₆cycloalkyl, OC₃₋₆cycloalkyl; wherein each of the C₁₋₆alkyl, C₃₋₆cycloalkyl, OC₃₋₆cycloalkyl of the R³ group may be optionally substituted with one to three groups each independently selected from the group

consisting of halo, OH, OC₁₋₆alkyl, SC₁₋₆alkyl, N(C₁₋₆alkyl)₂; and wherein one to three carbon atoms of the C₁₋₆alkyl of the R³ group may optionally be replaced one or two moieties selected from the group consisting of NH, N(C₁₋₆alkyl), O, and S;

R⁴ and R⁵ are each independently selected from the group consisting of H or C₁₋₆alkyl;

R³ and R⁴ can together with the atom to which they are attached join to form a 3 to 9-membered carbocyclyl ring which optionally may contain one to three heteroatoms selected from the group consisting of N, O, and S; or

R³ and R⁵ can together form a 3 to 9-membered bicyclic ring which optionally may contain one to three heteroatoms selected from the group consisting of N, O, and S;

R⁶ is selected from the group consisting of H, C₁₋₆alkyl, CN, CF₃, OCF₃, C₃₋₆cycloalkyl, OC₁₋₆alkyl, and OC₃₋₆cycloalkyl;

R⁷ is selected from the group consisting of H and OC₁₋₆alkyl;

or a pharmaceutically acceptable salt thereof.

2. The compound according to claim 1, wherein

R¹ is selected from the group consisting of:

C₁₋₆alkyl optionally substituted with 1 to 3 groups independently selected from the group consisting of halo, C₃₋₆cycloalkyl;

phenyl optionally substituted with 1 to 3 groups independently selected from the group consisting of CF₃, halo, OC₃₋₆cycloalkyl, and OC₁₋₆alkyl optionally substituted with one to three halo, and,

C₃₋₆cycloalkyl optionally substituted with 1 to 3 halo groups;

R² is OC₁₋₆alkyl;

R³ is selected from the group consisting of H, C₁₋₆alkyl optionally substituted with OH or OC₁₋₆alkyl,

R⁴ is H;

R⁵ is H;

R³ and R⁴ can together with the atom to which they are attached join to form a 3 to 9-membered carbocyclyl ring which optionally may contain one to three heteroatoms selected from the group consisting of N and O; or

R³ and R⁵ can together form a 3 to 9-membered bicyclic which optionally may contain one to three heteroatoms selected from the group consisting of N and O;

R⁶ is selected from the group consisting of H, C₁₋₆alkyl, OC₁₋₆alkyl, and OC₃₋₆cycloalkyl; and

R⁷ is selected from the group consisting of H and OC₁₋₆alkyl;

or a pharmaceutically acceptable salt thereof.

3. The compound according to claim 1 or 2, wherein

A is CH and Y is N; or

A is CH and Y is CH; or

A is N and Y is CH;

or a pharmaceutically acceptable salt thereof.

4. The compound according to any one of claims 1 to 3, wherein

R¹ is selected from the group consisting phenyl optionally substituted with a group selected from the group consisting of CF₃, OCF₃, halo, OC₃₋₆cycloalkyl, and OC₁₋₆alkyl optionally substituted with one to three halo;

R² is OC₁₋₆alkyl;

R³ is selected from the group consisting of H, C₁₋₆alkyl optionally substituted with OH or OC₁₋₆alkyl;

R⁴ is H;

R⁵ is H;

R³ and R⁴ can together with the atom to which they are attached join to form a 3 to 9-membered carbocyclyl ring which optionally may contain one to three heteroatoms selected from the group consisting of N, O; or

R³ and R⁵ can together form a 3 to 9-membered bicyclic which optionally may contain one to three heteroatoms selected from the group consisting of N and O;

R⁶ is selected from the group consisting of H, C₁₋₆alkyl, OC₁₋₆alkyl, and OC₃₋₆cycloalkyl;

R⁷ is selected from the group consisting of H and OC₁₋₆alkyl; and

or a pharmaceutically acceptable salt thereof.

5. The compound according to any one of claims 1 to 4, wherein

R¹ is selected from the group consisting phenyl optionally substituted with a group selected from the group consisting of CF₃, OCF₃, F, and methoxy;

R² is selected from the group consisting of methoxy or ethoxy;

R³ is selected from the group consisting of H, 2-hydroxymethyl, methoxymethyl, 1-hydroxyethyl;

R⁴ is H;

R⁵ is H;

or

R³ is ethyl, and R³ and R⁴ join to form a spirocyclic ring;

or

R³ is ethyl or methoxymethyl, and R³ and R⁵ join to form a bicyclic ring;

R⁶ is selected from the group consisting of H, methyl, methoxy, ethoxy, propoxy, and cyclylpropyloxy; and

R⁷ is selected from the group consisting of H and methoxy;

or a pharmaceutically acceptable salt thereof.

6. The compound according to any one of claims 1 to 5 wherein

R¹ together with L represent a group selected from the group consisting of phenyl, 4-chlorophenyl, 4-fluorophenyl, 4-methoxyphenyl, 4-isopropoxyphenyl, 4-trifluoromethylphenyl, 4-difluoromethoxyphenyl 4-cyclopropyloxyphenyl, cyclopropyl, cyclopentyl, cyclohexyl, benzyl, 2-fluorobenzyl, phenylethyl; and

R² is methoxy or ethoxy;

or a pharmaceutically acceptable salt thereof.

7. The compound according to any one of claims 1 to 6 wherein

Y is CH and A is N;

R¹ together with L represent a group selected from the group consisting of phenyl, 4-chlorophenyl, 4-fluorophenyl, 4-methoxyphenyl, 4-isopropoxyphenyl, 4-trifluoromethylphenyl, 4-difluoromethoxyphenyl, 4-cyclopropoxyphenyl, benzyl, 2-fluorobenzyl, phenylethyl;

R² is methoxy or ethoxy;

R³, R⁴ and R⁵ are each H;

R⁶ is H, methyl, methoxy, or ethoxy; and

R⁷ is H;

or a pharmaceutically acceptable salt thereof.

8. The compound according to any one of claims 1 to 6 wherein

Y is CH and A is CH;

R¹ together with L represent a group selected from the group consisting of phenyl, 4-chlorophenyl, 4-fluorophenyl, 4-methoxyphenyl, 4-trifluoromethylphenyl, cyclopentyl, cyclohexyl, benzyl, 2-fluorobenzyl, phenylethyl;

R² is methoxy or ethoxy;

R³, R⁴ and R⁵ are each H;

R⁶ is H, methyl, methoxy or ethoxy; and

R⁷ is H;

or a pharmaceutically acceptable salt thereof.

9. The compound according to any one of claims 1 to 5 wherein

Y is N and A is CH;

R¹ together with L represent a group selected from the group consisting of phenyl, and 4-

fluorophenyl;

R² is methoxy;

R³ is selected from the group consisting of H, 2-hydroxymethyl, and hydroxyethyl,

R⁴ is H;

R⁵ is H;

R³ and R⁴ may join to form a spirocyclic ring;

or

R³ and R⁵ may join to form a bicyclic ring;

R⁶ is selected from the group consisting of H and methoxy; and

R⁷ is H;

or a pharmaceutically acceptable salt thereof.

10. The compound according to any one of claims 1 to 4, wherein
wherein

R¹ is C₁₋₆alkyl optionally substituted with 1 to 3 groups independently selected from the group consisting of halo and C₃₋₆cycloalkyl;

R² is OC₁₋₆alkyl;

R³, R⁴ and R⁵ are each H;

R⁶ is selected from the group consisting of H, C₁₋₆alkyl, and OC₁₋₆alkyl; and

R⁷ is H;

or a pharmaceutically acceptable salt thereof.

11. The compound according to any one of claims 1 to 4 and 10, wherein
wherein

R¹ together with L represent a group selected from the group consisting ethyl, propyl, isopropyl, isobutyl, cyclopropylmethyl, cyclobutylmethyl, 2,2-dimethylpropyl, 1-methylcyclopropylmethyl, 1-fluoromethylcyclopropylmethyl, 1-cyclopropylethyl, 2-

cyclopropylethyl, cyclopentyl, cyclohexyl, 2,2-difluorocyclobutylmethyl, 3,3-difluorocyclobutylmethyl, 3-(trifluoromethyl)cyclobutylmethyl, and 3,3,3-trifluoro-2-methylpropyl;

R² is methoxy;

R³, R⁴ and R⁵ are each H;

R⁶ is selected from the group consisting of H, methyl, and methoxy; and

R⁷ is H;

or a pharmaceutically acceptable salt thereof.

12. The compound according to any one of claims 1 to 4, 10 and 11, wherein wherein

Y is CH and A is N;

R¹ together with L represent a group selected from the group consisting propyl, isopropyl, isobutyl, cyclopropylmethyl, cyclobutylmethyl, 2,2-dimethylpropyl, 1-cyclopropylethyl, and 2-cyclopropylethyl;

R² is methoxy;

R³, R⁴ and R⁵ are each H;

R⁶ is selected from the group consisting of H, methyl, and methoxy; and

R⁷ is H;

or a pharmaceutically acceptable salt thereof.

13. The compound according to any one of claims 1 to 4, 10 and 11 wherein wherein

Y is CH and A is CH;

R¹ together with L represent a group selected from the group consisting ethyl, propyl, isopropyl, isobutyl, cyclopropylmethyl, cyclobutylmethyl, 2,2-dimethylpropyl, 1-methylcyclopropylmethyl, 1-fluoromethylcyclopropylmethyl, 1-cyclopropylethyl, 2-cyclopropylethyl, cyclopentyl, cyclohexyl, 2,2-difluorocyclobutylmethyl, 3,3-

difluorocyclobutylmethyl, 3-(trifluoromethyl)cyclobutylmethyl, and 3,3,3-trifluoro-2-methyl-propyl;

R² is methoxy;

R³, R⁴ and R⁵ are each H;

R⁶ is selected from the group consisting of H, methyl, and methoxy; and

R⁷ is H;

or a pharmaceutically acceptable salt thereof.

14. The compound according to claim 1, wherein

R³ and R⁴ together with the atom to which they are attached join to form a 3-membered carbocyclyl ring,

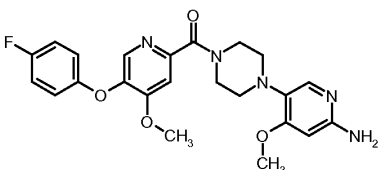
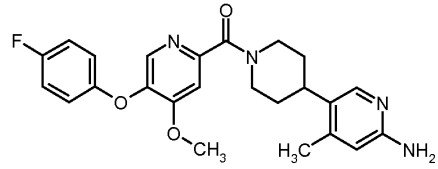
or a pharmaceutically acceptable salt thereof.

15. The compound according to claim 1, wherein

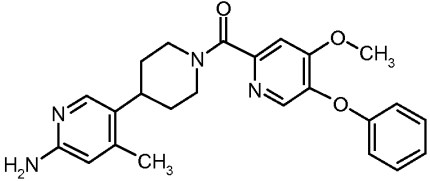
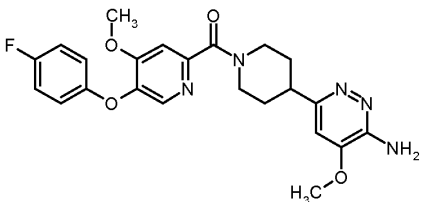
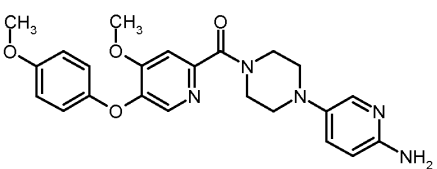
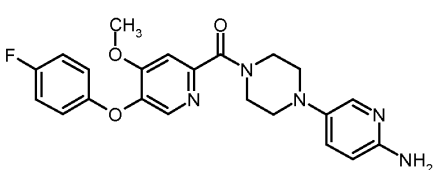
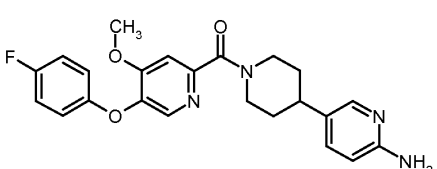
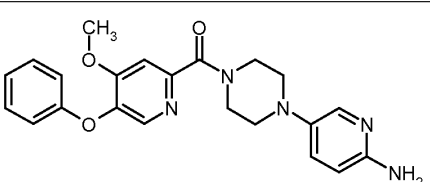
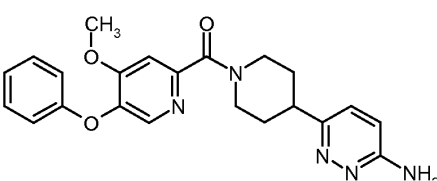
R³ and R⁵ together form a 3 to 9-membered bicyclic ring which optionally may contain one to two heteroatoms independently selected from the group consisting of N and O,

or a pharmaceutically acceptable salt thereof.

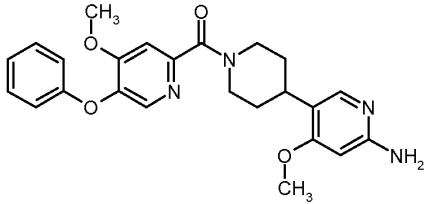
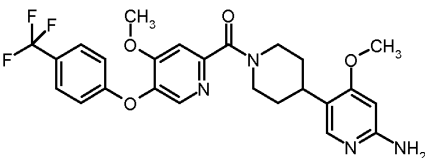
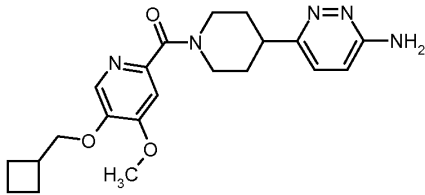
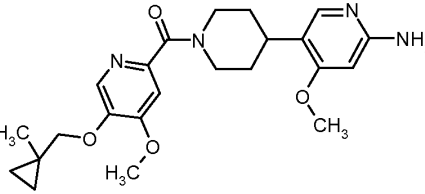
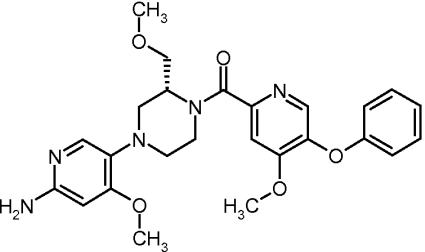
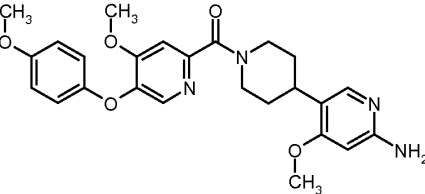
16. The compound according to claim 1, selected from the group consisting of any one of compounds **1** to **95** in the Table below:

Cpd No.	Structure	Compound Name
1		[4-(6-Amino-4-methoxy-pyridin-3-yl)-piperazin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
2		(6-Amino-4-methyl-3',4',5',6'-tetrahydro-2'H-[3,4'-bipyridinyl-1'-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone

3		(6-Amino-3',4',5',6'-tetrahydro-2'H-[3,4'']bipyridinyl-1'-yl)-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
4		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4'']bipyridinyl-1'-yl)-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
5		[4-(6-Amino-4-methoxy-pyridin-3-yl)-piperazin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
6		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-isopropoxy-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
7		[(R)-4-(6-Amino-4-methyl-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
8		[7-(6-Amino-4-methoxy-pyridin-3-yl)-4,7-diaza-spiro[2.5]oct-4-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
9		[7-(6-Amino-4-methoxy-pyridin-3-yl)-4,7-diaza-spiro[2.5]oct-4-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone

10		(6-Amino-4-methyl-3',4',5',6'-tetrahydro-2'H-[3,4'']bipyridinyl-1'-yl)-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
11		[4-(6-Amino-5-methoxy-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-fluorophenoxy)-4-methoxy-pyridin-2-yl]-methanone
12		[4-(6-Amino-pyridin-3-yl)-piperazin-1-yl]-[4-methoxy-5-(4-methoxyphenoxy)-pyridin-2-yl]-methanone
13		[4-(6-Amino-pyridin-3-yl)-piperazin-1-yl]-[5-(4-fluorophenoxy)-4-methoxy-pyridin-2-yl]-methanone
14		(6-Amino-3',4',5',6'-tetrahydro-2'H-[3,4'']bipyridinyl-1'-yl)-[5-(4-fluorophenoxy)-4-methoxy-pyridin-2-yl]-methanone
15		[4-(6-Amino-pyridin-3-yl)-piperazin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
16		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone

17		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
18		[(R)-4-(6-Amino-4-methyl-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-[4-methoxy-5-phenoxy-pyridin-2-yl]-methanone
19		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(2-fluoro-benzoyloxy)-4-methoxy-pyridin-2-yl]-methanone
20		[(R)-4-(6-Amino-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
21		[4-(6-Amino-5-methoxy-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-phenoxy-pyridin-2-yl]-methanone
22		(6-Amino-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[4-methoxy-5-(4-methoxy-phenoxy)-pyridin-2-yl]-methanone

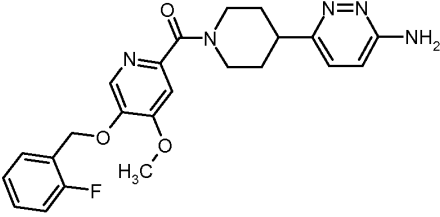
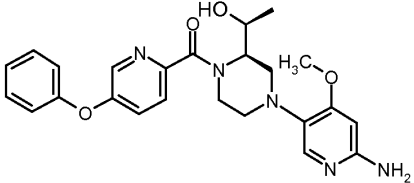
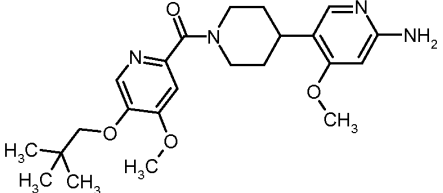
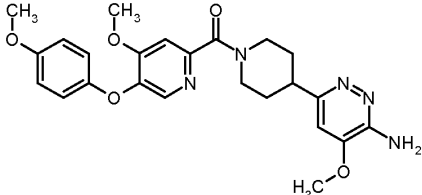
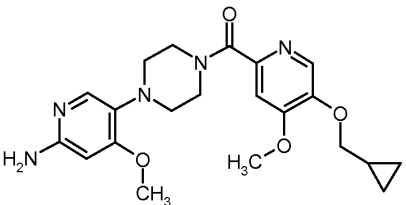
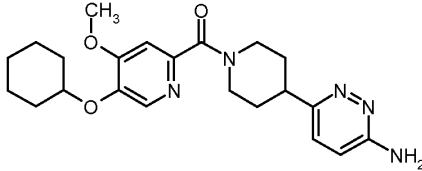
23		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
24		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[4-methoxy-5-(4-trifluoromethylphenoxy)-pyridin-2-yl]-methanone
25		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-(5-cyclobutylmethoxy-4-methoxy-pyridin-2-yl)-methanone
26		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[4-methoxy-5-(1-methylcyclopropylmethoxy)-pyridin-2-yl]-methanone
27		[(R)-4-(6-Amino-4-methoxy-pyridin-3-yl)-2-methoxymethyl-piperazin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
28		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[4-methoxy-5-(4-methoxy-phenoxy)-pyridin-2-yl]-methanone

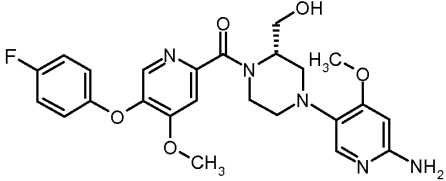
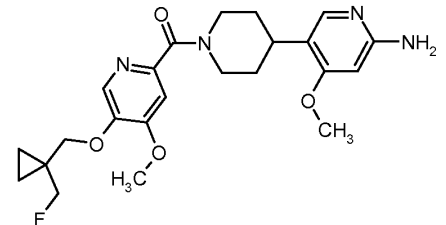
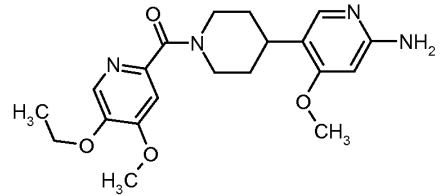
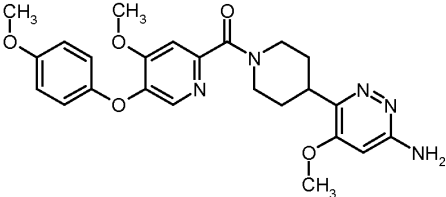
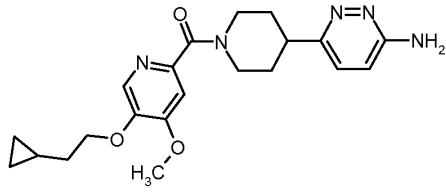
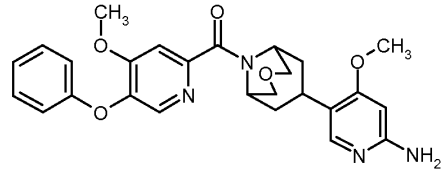
29		[4-(6-Amino-4-methyl-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
30		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(5-cyclohexyloxy-4-methoxy-pyridin-2-yl)-methanone
31		[4-(6-Amino-4-methyl-pyridazin-3-yl)-piperidin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
32		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(4-fluoro-benzyloxy)-4-methoxy-pyridin-2-yl]-methanone
33		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(4-trifluoromethyl-phenoxy)-pyridin-2-yl]-methanone
34		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-chloro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
35		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(5-cyclopentyloxy-4-methoxy-pyridin-2-yl)-methanone

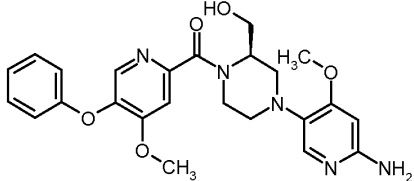
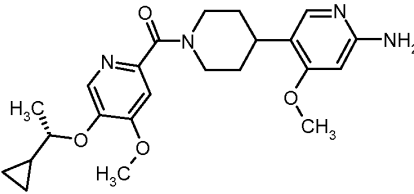
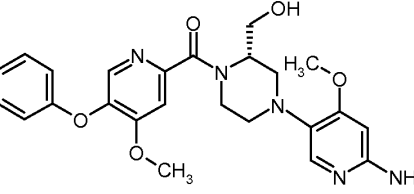
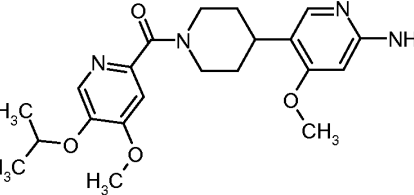
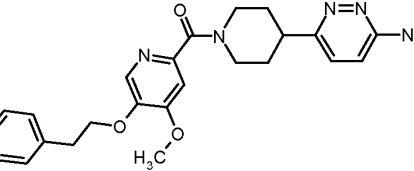
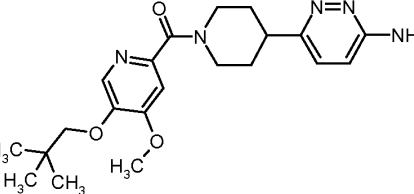
36		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-(5-isobutoxy-4-methoxy-pyridin-2-yl)-methanone
37		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(5-cyclopropylmethoxy-4-methoxy-pyridin-2-yl)-methanone
38		[3-(6-Amino-4-methoxy-pyridin-3-yl)-3,8-diaza-bicyclo[3.2.1]oct-8-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
39		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(5-isobutoxy-4-methoxy-pyridin-2-yl)-methanone
40		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-cyclopropoxy-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
41		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-fluoro-benzoyloxy)-4-methoxy-pyridin-2-yl]-methanone
42		[(R)-4-(6-Amino-4-methoxy-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone

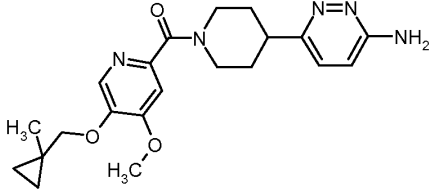
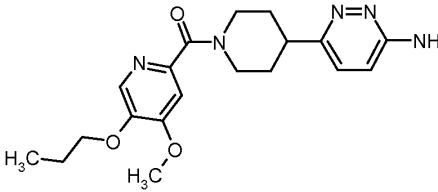
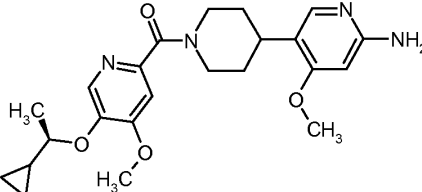
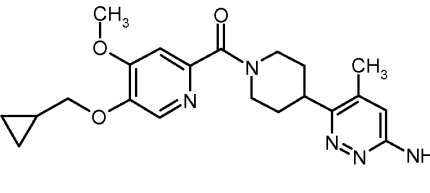
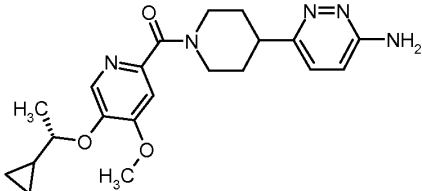
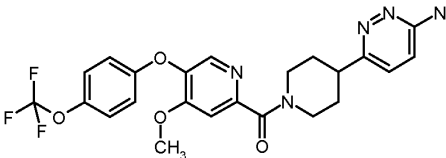
43		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(5-benzyloxy-4-methoxy-pyridin-2-yl)-methanone
44		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(4-methoxy-phenoxy)-pyridin-2-yl]-methanone
45		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(3,3-difluoro-cyclobutylmethoxy)-4-methoxy-pyridin-2-yl]-methanone
46		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(4-methoxy-5-propoxy-pyridin-2-yl)-methanone
47		[4-(6-Amino-4-methoxy-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-phenoxy-pyridin-2-yl]-methanone
48		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(2-cyclopropyl-ethoxy)-4-methoxy-pyridin-2-yl]-methanone
49		[4-(6-Amino-4-methoxy-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone

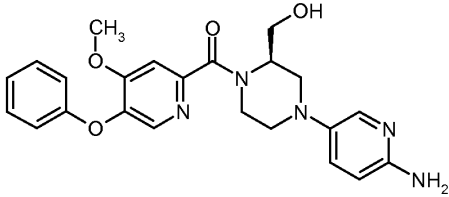
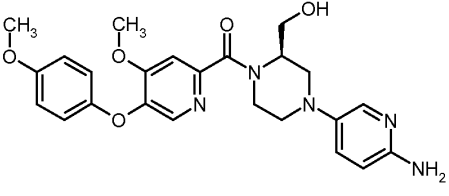
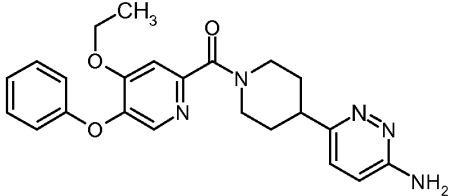
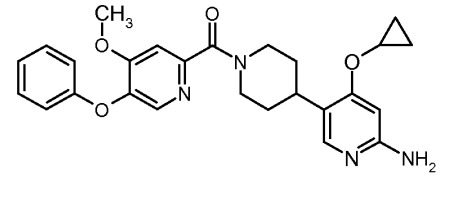
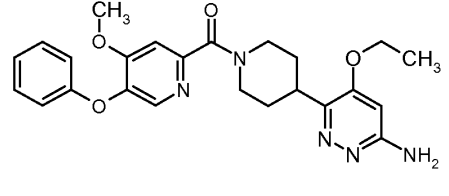
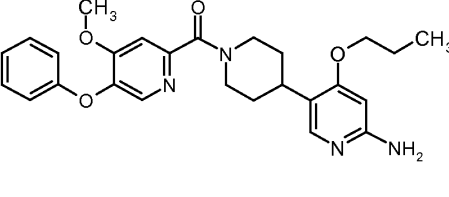
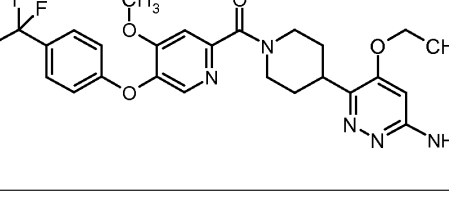
50		(1R)-1-[(2R)-4-(6-amino-4-methoxypyridin-3-yl)-1-(5-phenoxy-pyridine-2-carbonyl)piperazin-2-yl]ethan-1-ol
51		[3-(6-Amino-4-methoxy-pyridin-3-yl)-3,8-diaza-bicyclo[3.2.1]oct-8-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
52		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(4-methoxy-5-phenethyloxy-pyridin-2-yl)-methanone
53		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-(5-cyclobutylmethoxy-4-methoxy-pyridin-2-yl)-methanone
54		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-difluoromethoxy-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
55		[(R)-4-(6-Amino-4-methoxy-pyridin-3-yl)-2-methoxymethyl-piperazin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
56		[4-(6-Amino-4-methoxy-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(4-trifluoromethyl-phenoxy)-pyridin-2-yl]-methanone

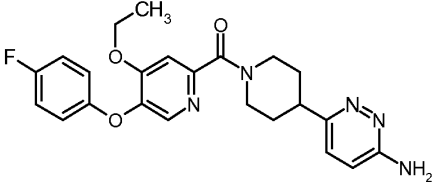
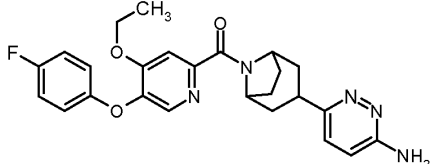
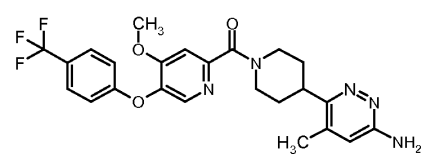
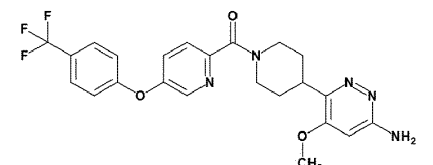
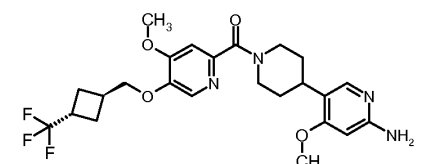
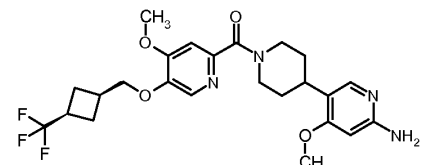
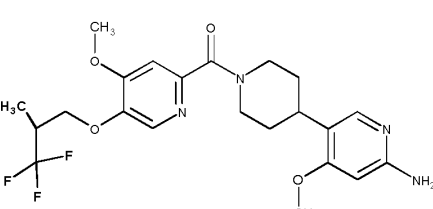
57		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(2-fluoro-benzyloxy)-4-methoxy-pyridin-2-yl]-methanone
58		(1S)-1-[(2R)-4-(6-amino-4-methoxypyridin-3-yl)-1-(5-phenoxy-pyridine-2-carbonyl)piperazin-2-yl]ethan-1-ol
59		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(2,2-dimethyl-propoxy)-4-methoxy-pyridin-2-yl]-methanone
60		[4-(6-Amino-5-methoxy-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(4-methoxy-phenoxy)-pyridin-2-yl]-methanone
61		[4-(6-Amino-4-methoxy-pyridin-3-yl)-piperazin-1-yl]-(5-cyclopropylmethoxy-4-methoxy-pyridin-2-yl)-methanone
62		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-(5-cyclohexyloxy-4-methoxy-pyridin-2-yl)-methanone

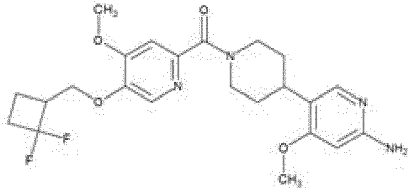
63		[(S)-4-(6-Amino-4-methoxy-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-[5-(4-fluoro-phenoxy)-4-methoxy-pyridin-2-yl]-methanone
64		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(1-fluoromethyl-cyclopropylmethoxy)-4-methoxy-pyridin-2-yl]-methanone
65		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(ethoxy-4-methoxy-pyridin-2-yl)-methanone
66		[4-(6-Amino-4-methoxy-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(4-methoxy-phenoxy)-pyridin-2-yl]-methanone
67		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(2-cyclopropyl-ethoxy)-4-methoxy-pyridin-2-yl]-methanone
68		[7-(6-Amino-4-methoxy-pyridin-3-yl)-3-oxa-9-aza-bicyclo[3.3.1]non-9-yl]-[4-methoxy-5-phenoxy-pyridin-2-yl]-methanone

69		[(R)-4-(6-Amino-4-methoxy-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
70		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-((S)-1-cyclopropyl-ethoxy)-4-methoxy-pyridin-2-yl]-methanone
71		[(S)-4-(6-Amino-4-methoxy-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
72		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-isopropoxy-4-methoxy-pyridin-2-yl]-methanone
73		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-(4-methoxy-5-phenethyloxy-pyridin-2-yl)-methanone
74		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(2,2-dimethyl-propoxy)-4-methoxy-pyridin-2-yl]-methanone

75		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(1-methyl-cyclopropylmethoxy)-pyridin-2-yl]-methanone
76		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-(4-methoxy-5-propoxy-pyridin-2-yl)-methanone
77		(6-Amino-4-methoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-((R)-1-cyclopropyl-ethoxy)-4-methoxy-pyridin-2-yl]-methanone
78		[4-(6-Amino-4-methyl-pyridazin-3-yl)-piperidin-1-yl]-(5-cyclopropylmethoxy-4-methoxy-pyridin-2-yl)-methanone
79		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-((S)-1-cyclopropyl-ethoxy)-4-methoxy-pyridin-2-yl]-methanone
80		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(4-trifluoromethoxy-phenoxy)-pyridin-2-yl]-methanone

81		[(R)-4-(6-Amino-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-(4-methoxy-5-phenoxy-pyridin-2-yl)-methanone
82		[(R)-4-(6-Amino-pyridin-3-yl)-2-hydroxymethyl-piperazin-1-yl]-[4-methoxy-5-(4-methoxy-phenoxy)-pyridin-2-yl]-methanone
83		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(phenoxy)-4-ethoxy-pyridin-2-yl]-methanone
84		(6-Amino-4-cyclopropoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(phenoxy)-4-methoxy-pyridin-2-yl]-methanone
85		[4-(6-Amino-4-ethoxy-pyridazin-3-yl)-piperidin-1-yl]-[4-methoxy-5-(phenoxy)-pyridin-2-yl]-methanone
86		(6-Amino-4-propoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(phenoxy)-4-methoxy-pyridin-2-yl]-methanone
87		(6-Amino-4-ethoxy-3',4',5',6'-tetrahydro-2'H-[3,4']bipyridinyl-1'-yl)-[5-(4-trifluoromethyl-phenoxy)-4-methoxy-pyridin-2-yl]-methanone

88		[4-(6-Amino-pyridazin-3-yl)-piperidin-1-yl]-[5-(4-fluoro-phenoxy)-4-ethoxy-pyridin-2-yl]-methanone
89		[3-(6-Amino-pyridazin-3-yl)-8-aza-bicyclo[3.2.1]oct-8-yl]-[4-ethoxy-5-(4-fluoro-phenoxy)-pyridin-2-yl]-methanone
90		6-(1-{4-Methoxy-5-[4-(trifluoromethyl)phenoxy]pyridine-2-carbonyl}piperidin-4-yl)-5-methylpyridazin-3-amine
91		5-Methoxy-6-(1-{5-[4-(trifluoromethyl)phenoxy]pyridine-2-carbonyl}piperidin-4-yl)-pyridazin-3-amine
92		4-Methoxy-5-[1-(4-methoxy-5-{[trans-3-(trifluoromethyl)cyclobutyl]methoxy}pyridine-2-carbonyl)-piperidin-4-yl]pyridin-2-amine
93		4-Methoxy-5-[1-(4-methoxy-5-{[cis-3-(trifluoromethyl)cyclobutyl]methoxy}pyridine-2-carbonyl)piperidin-4-yl]pyridin-2-amine
94		4-Methoxy-5-(1-{4-methoxy-5-[(2)-3,3,3-trifluoro-2-methylpropoxy]pyridine-2-carbonyl}piperidin-4-yl)pyridin-2-amine

95		5-(1-{5-[(2,2-Difluorocyclobutyl)-methoxy]-4-methoxy-pyridine-2-carbonyl}-piperidin-4-yl)-4-methoxypyridin-2-amine
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or a pharmaceutically acceptable salt thereof.

17. A pharmaceutical composition comprising any one of the compounds of claims 1 to 16, or a pharmaceutically acceptable salt thereof, and optionally a pharmaceutically acceptable excipient.

18. A method of treating a disease or disorder that can be alleviated TRPC6 inhibition comprising administering a therapeutically effective amount of a compound according to any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, to patient in need thereof.

19. The method according to claim 18 wherein the disease or disorder is selected from the group consisting of cardiac hypertrophy, ischemia, ischemic reperfusion injury, hypertension, pulmonary arterial hypertension, idiopathic pulmonary arterial hypertension, restenosis, chronic obstructive pulmonary disease, cystic fibrosis, Alzheimer's disease, Parkinson's disease, Huntington's disease, amyotrophic lateral sclerosis (ALS), trauma induced brain disorders, asthma, chronic obstructive pulmonary disease, rheumatoid arthritis, osteoarthritis, inflammatory bowel disease, multiple sclerosis, muscular dystrophy, Duchenne's muscular dystrophy, preeclampsia and pregnancy-induced hypertension, non-alcoholic steatohepatitis, minimal change disease, focal segmental glomerulosclerosis (FSGS), nephrotic syndrome, diabetic nephropathy or diabetic kidney disease (DKD), chronic kidney disease, renal insufficiency, end stage renal disease, ischemia or an ischemic reperfusion injury, cancer, IPF (idiopathic pulmonary fibrosis), ARDS (acute respiratory disease syndrome), emphysema and diabetes.

20. Use of a compound according to any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, for preparing a pharmaceutical composition for the treatment of diseases or disorders that can be alleviated TRPC6 inhibition.