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(54) Title: NEW THERAPEUTIC COMBINATIONS FOR THE TREATMENT OR PREVENTION OF PSYCHOTIC DISORDERS

(57) Abstract: Therapeutic combinations useful in the treatment or prevention of psychotic disorders, to pharmaceutical compositions containing said combinations, and to their use in the treatment or prophylaxis of psychotic disorders are provided.

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NEW THERAPEUTIC COMBINATIONS FOR THE TREATMENT OR PREVENTION OF PSYCHOTIC DISORDERS

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority to United States Provisional Patent Application serial number 60/673,918, filed April 22, 2005, the entirety of which is hereby incorporated herein by reference.

FIELD OF THE INVENTION

[0002] The present invention relates to therapeutic combinations of compounds useful for the treatment or prophylaxis of psychotic disorders, to pharmaceutical compositions containing such combinations, and to their use in the treatment or prophylaxis of psychotic disorders.

BACKGROUND OF THE INVENTION

[0003] Psychoses are serious mental illnesses characterized by defective or lost contact with reality. The symptoms associated with these disorders are classified as positive symptoms (disordered thought, hallucinations, and delusions), negative symptoms (social withdrawal and unresponsiveness), and cognitive deficits.

[0004] A variety of drugs are available for the treatment of psychotic disorders. For example, neuroleptics or antipsychotics can be used to treat schizophrenia and other psychotic disorders by blocking the dopaminergic neurotransmission in the central nervous system.

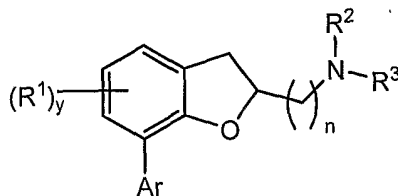
[0005] Neuroleptics are used widely to treat the "positive" symptoms of schizophrenia. However, many of these drugs are not considered to be effective for the treatment of "negative" symptoms of schizophrenia and may in fact exacerbate these symptoms because of the dopaminergic blockade associated with their mechanism of action. Cognitive deficits associated with schizophrenia, such as distractability, and executive skills such as a working memory and ability to plan, are also believed to be negatively effected by the blockade of dopamine receptors. In addition, these neuroleptics have important side effects such as akathisia, dystonia, Parkinsonism dyskinesia and late dyskinesia and the like, which are caused by blocking dopaminergic neurotransmission.

[0006] Anticholinergic agents such as Cogentin[®], have been used to reduce Parkinson-like side effects, but also cause side effects such as mental and/or physical impairment, tachycardia, dysuria and gastrointestinal symptoms.

[0007] Despite the variety of treatment options available, there remain significant difficulties successfully treating the different symptoms of psychotic disorders while minimizing side effects; there remains a need for the development of new therapeutic strategies.

SUMMARY OF THE INVENTION

[0008] The present invention provides new combination therapies for the treatment of psychotic disorders. In particular, the present invention demonstrates that combinations of a compound of formula I:



I

or a pharmaceutically acceptable salt thereof, wherein:

n is one or two;

each of R^2 and R^3 is independently hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl;

each R^1 is independently hydrogen, halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN;

Ar is thienyl, furyl, pyridyl, or phenyl, wherein Ar is optionally substituted with one or more R^x substituents;

each R^x is independently selected from halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN; and

y is 0-3,

with one or more antipsychotic agents are useful for treating patients suffering from or susceptible to one or more psychotic disorders. The present invention therefore provides, among other things, certain drug combinations, pharmaceutical compositions containing such combinations, and methods of treating patients suffering from or susceptible to one or more psychotic disorders with such combinations or compositions.

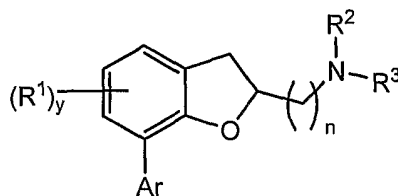
BRIEF DESCRIPTION OF THE DRAWING

[0009] **Figure 1** shows the effects of Compound 1, alone or in combination with haloperidol, on apomorphine-induced climbing.

[0010] **Figure 2** shows the effects of Compound 1, alone or in combination with clozapine, on apomorphine-induced climbing.

Detailed Description of Certain Embodiments of the Invention

[0011] The present invention encompasses the finding that certain 5-HT_{2C} receptor agonists can be usefully combined with other antipsychotic agents for the treatment or prevention of antipsychotic disorders. In particular, the present invention provides the surprising finding that combinations of 5-HT_{2C} receptor agonists, or partial agonists, of formula I:



I

or a pharmaceutically acceptable salt thereof, wherein:

n is one or two;

each of R² and R³ is independently hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl;

each R¹ is independently hydrogen, halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN;

Ar is thienyl, furyl, pyridyl, or phenyl, wherein Ar is optionally substituted with one or more R^x substituents;

each R^x is independently selected from halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN; and

y is 0-3,

with either typical or atypical antipsychotic drugs shows increased efficacy, without increased side effects, in the treatment of antipsychotic disorders.

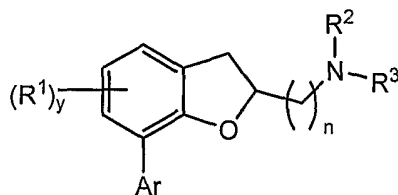
[0012] 5-HT_{2C} receptor agonists of formula I inhibit levels of mesolimbic dopamine and can act as effective antipsychotic agents in their own right. Typical antipsychotic drugs (e.g., haloperidol) block both mesolimbic and nigrostriatal dopamine and thus treat the positive symptoms of psychotic disorders, which are associated with mesolimbic dopamine, but also

produce extra-pyramidal side effects resulting from inhibition of nigrostriatal dopamine. Atypical antipsychotic drugs (e.g., clozapine) selectively block mesolimbic dopamine. Such agents are less prone to extra-pyramidal side effects, but have a myriad of other side effect liabilities including weight gain.

[0013] The present invention demonstrates that co-administration of sub-effective doses of 5-HT_{2C} receptor agonists of formula I and sub-effective doses of typical antipsychotic drugs results in increased efficacy with no increase in extra-pyramidal side effects. Furthermore, the present invention demonstrates that co-administration of sub-effective doses of atypical antipsychotic agents also results in increased efficacy. Agonism of the 5-HT_{2C} receptor may also alleviate the weight gain and/or other side effects associated with such agents. Thus, the present invention provides improved combination therapies for the treatment of antipsychotic disorders. The improved efficacy of the inventive combinations, particularly as associated with reduced side effects, should have the further benefit of improved patient compliance with the treatment regimen.

1. *5-HT_{2C} Receptor Agonists of Formula I*

[0014] The present invention utilizes 5-HT_{2C} receptor agonists of formula I:



I

or a pharmaceutically acceptable salt thereof, wherein:

n is one or two;

each of R² and R³ is independently hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl;

each R¹ is independently hydrogen, halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN;

Ar is thienyl, furyl, pyridyl, or phenyl, wherein Ar is optionally substituted with one or more R^x substituents;

each R^x is independently selected from halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN; and

y is 0-3,

or pharmaceutically acceptable salts thereof, in combination with one or more antipsychotic agents.

[0015] The term “lower alkyl,” as used herein, refers to a hydrocarbon chain having up to 4 carbon atoms, preferably 1 to 3 carbon atoms, and more preferably 1 to 2 carbon atoms. The term “alkyl” includes, but is not limited to, straight and branched chains such as methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, sec-butyl, or t-butyl.

[0016] The term “alkoxy,” as used herein, refers to the group -OR, wherein R is a lower alkyl group.

[0017] The terms “halogen” or “halo,” as used herein, refer to chlorine, bromine, fluorine or iodine.

[0018] The term “haloalkyl,” as used herein, or as part of a moiety such as “haloalkoxy” refers to an alkyl group, as defined herein, that has one or more halogen substituents. In certain embodiment, every hydrogen atom on said alkyl group is replaced by a halogen atom. Such haloalkyl groups include -CF₃. Such haloalkoxy groups include -OCF₃.

[0019] The terms “effective amount” and “therapeutically effective amount,” as used herein, refer to the amount of a compound or combination that, when administered to an individual, is effective to treat, prevent, delay, or reduce the severity of a condition from which the patient is suffering. In particular, a therapeutically effective amount in accordance with the present invention is an amount sufficient to treat, prevent, delay onset of, or otherwise ameliorate at least one symptom of a psychotic disorder or episode.

[0020] The term “pharmaceutically acceptable salts” or “pharmaceutically acceptable salt” refers to salts derived from treating a compound of formula I with an organic or inorganic acid such as, for example, acetic, lactic, citric, cinnamic, tartaric, succinic, fumaric, maleic, malonic, mandelic, malic, oxalic, propionic, hydrochloric, hydrobromic, phosphoric, nitric, sulfuric, glycolic, pyruvic, methanesulfonic, ethanesulfonic, toluenesulfonic, salicylic, benzoic, or similarly known acceptable acids. In certain embodiments, the present invention provides the hydrochloride salt of a compound of formula I.

[0021] The term “patient,” as used herein, refers to a mammal. In certain embodiments, the term “patient” refers to a human.

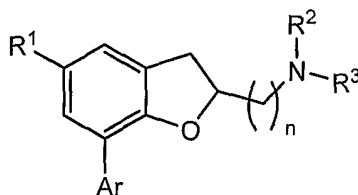
[0022] The terms “administer,” “administering,” or “administration,” as used herein, refer to either directly administering a compound or composition to a patient, or administering a prodrug derivative or analog of the compound to the patient, which will form an equivalent amount of the active compound or substance within the patient’s body.

[0023] The compounds of formula I, as defined above or in classes and subclasses as described herein, have affinity for and agonist or partial agonist activity at the 2C subtype of brain serotonin receptors.

[0024] As defined generally above, each of the R^2 and R^3 groups of formula I is independently hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl. In certain embodiments, one of the R^2 and R^3 groups of formula I is hydrogen and the other R^2 or R^3 group of formula I is hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl. In other embodiments, neither of the R^2 and R^3 groups of formula I is hydrogen. In still other embodiments, both of the R^2 and R^3 groups of formula I are hydrogen.

[0025] As defined generally above, each R^1 group of formula I is independently hydrogen, halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN. In certain embodiments, each R^1 group of formula I is hydrogen. In other embodiments, at least one of R^1 group of formula I is halogen. In still other embodiments, y is 1 and R^1 is halogen.

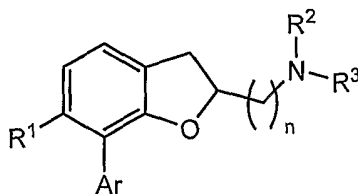
[0026] According to another embodiment, y is 1 and R^1 is at the 5-position of the dihydrobenzofuran ring of formula I, thus forming a compound of formula Ia:



Ia

or a pharmaceutically acceptable salt thereof, wherein each of R^1 , R^2 , R^3 , Ar, and n are as defined above for compounds of formula I and in classes and subclasses as described above and herein.

[0027] According to yet another embodiment, y is 1 and R^1 is at the 6-position of the dihydrobenzofuran ring of formula I, thus forming a compound of formula Ia':



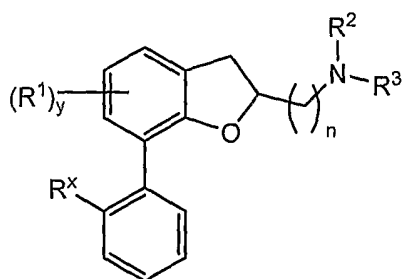
Ia'

or a pharmaceutically acceptable salt thereof, wherein each of R^1 , R^2 , R^3 , Ar, and n are as defined above for compounds of formula I and in classes and subclasses as described above and herein.

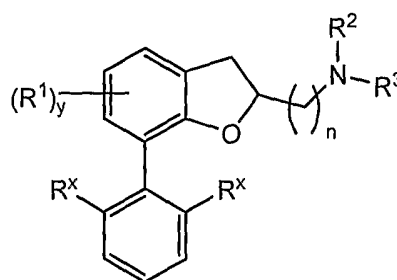
[0028] As defined generally above, the Ar group of formula I is thienyl, furyl, pyridyl, or phenyl, wherein Ar is optionally substituted with one or more substituents independently selected from halogen, OH, lower alkyl, lower alkoxy, haloalkyl, haloalkoxy, or CN. In certain embodiments, the Ar group of formula I is unsubstituted phenyl. In other embodiments, the Ar group of formula I is phenyl with at least one substituent in the ortho position. In other embodiments, the Ar group of formula I is phenyl with at least one substituent in the ortho position selected from halogen, lower alkyl, lower alkoxy, or trifluoromethyl. According to another aspect the present invention provides a compound of formula I wherein Ar is phenyl di-substituted in the ortho and meta positions with independently selected halogen lower alkyl, or lower alkoxy. Yet another aspect of the present invention provides a compound of formula I wherein Ar is phenyl di-substituted in the ortho and para positions with independently selected halogen lower alkyl, or lower alkoxy. In other embodiment, the present invention provides a compound of formula I wherein Ar is phenyl di-substituted in the ortho positions with independently selected halogen lower alkyl, or lower alkoxy. Exemplary substituents on the phenyl moiety of the Ar group of formula I include OMe, fluoro, chloro, methyl, and trifluoromethyl.

[0029] In certain embodiments, the present invention provides a compound of formula Ia' wherein Ar is phenyl with one substituent in the ortho position selected from halogen, lower alkyl, lower alkoxy, or trifluoromethyl.

[0030] According to one embodiment, Ar is phenyl substituted with one R^x substituent in the ortho-position, thus forming a compound of formula Ib, or with an R^x substituent in both ortho-positions, thus forming a compound of formula Ic:



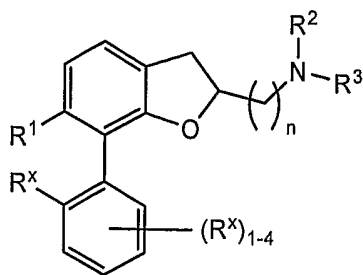
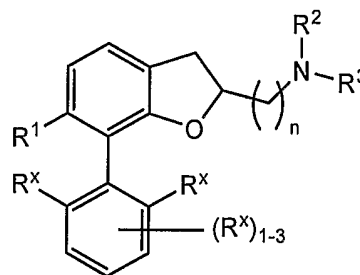
Ib



Ic

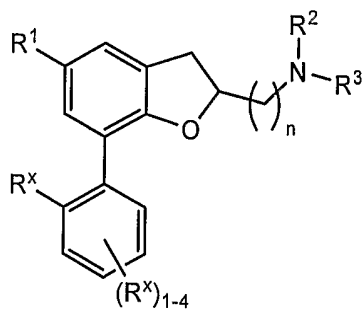
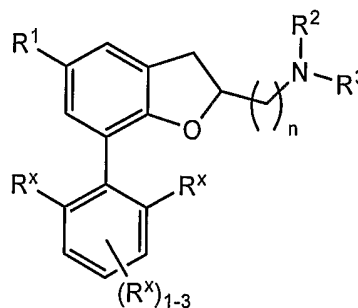
or a pharmaceutically acceptable salt thereof, wherein each R¹, R², R³, R^x, y and n are as defined above for compounds of formula I and in classes and subclasses as described above and herein.

[0031] In certain embodiments, the Ar group of formula I is selected from the following:

**If****Ig**

or a pharmaceutically acceptable salt thereof, wherein each R^1 , R^2 , R^3 , R^x , and n are as defined above for compounds of formula **I** and in classes and subclasses as described above and herein.

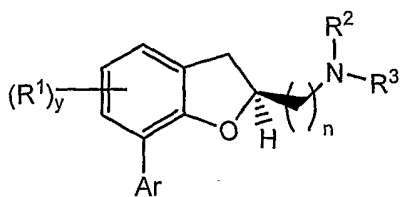
[0002] In certain embodiments, the present invention provides a compound of formula **Ih** or **Ii**:

**Ih****Ii**

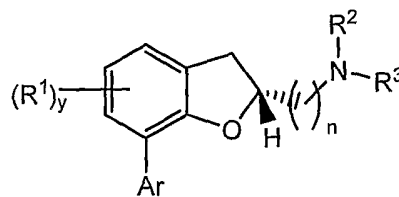
or a pharmaceutically acceptable salt thereof, wherein each R^1 , R^2 , R^3 , R^x , and n are as defined above for compounds of formula **I** and in classes and subclasses as described above and herein.

[0033] Compounds of the present invention contain asymmetric carbon atoms and thus give rise to stereoisomers, including enantiomers and diastereomers. Accordingly, it is contemplated that the present invention relates to all of these stereoisomers, as well as to mixtures of the stereoisomers. Throughout this application, the name of the product of this invention, where the absolute configuration of an asymmetric center is not indicated, is intended to embrace the individual stereoisomers as well as mixtures of stereoisomers.

[0034] In certain embodiments, the present invention provides a compound of formula **VIa** or **VIb**:



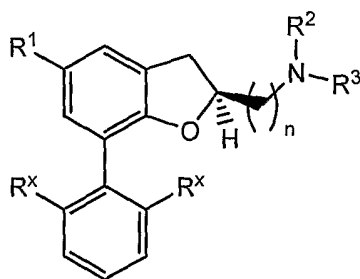
VIa



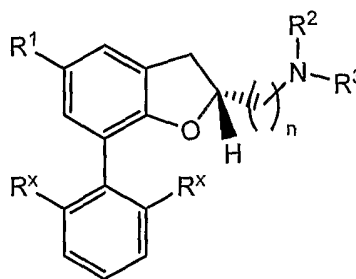
VIb

or a pharmaceutically acceptable salt thereof, wherein each R^1 , R^2 , R^3 , R^x , y and n are as defined above for compounds of formula I and in classes and subclasses as described above and herein.

[0035] According to another embodiment, the present invention provides a compound of formula VIc or VIId:



VIc



VIId

or a pharmaceutically acceptable salt thereof, wherein each R^1 , R^2 , R^3 , R^x , y and n are as defined above for compounds of formula I and in classes and subclasses as described above and herein.

[0036] Where an enantiomer is preferred, it may, in some embodiments be provided substantially free of the corresponding enantiomer. Thus, an enantiomer substantially free of the corresponding enantiomer refers to a compound which is isolated or separated *via* separation techniques or prepared free of the corresponding enantiomer. "Substantially free," as used herein, means that the compound is made up of a significantly greater proportion of one enantiomer. In certain embodiments the compound is made up of at least about 90% by weight of a preferred enantiomer. In other embodiments of the invention, the compound is made up of at least about 99% by weight of a preferred enantiomer. Preferred enantiomers may be isolated from racemic mixtures by any method known to those skilled in the art, including chiral high pressure liquid chromatography (HPLC) and the formation and crystallization of chiral salts or prepared by methods described herein. See, for example, Jacques, et al., *Enantiomers, Racemates and Resolutions* (Wiley Interscience, New York, 1981); Wilen, S.H., et al., *Tetrahedron* 33:2725 (1977); Eliel, E.L. *Stereochemistry of Carbon*

Compounds (McGraw-Hill, NY, 1962); Wilen, S.H. *Tables of Resolving Agents and Optical Resolutions* p. 268 (E.L. Eliel, Ed., Univ. of Notre Dame Press, Notre Dame, IN 1972).

[0037] It is further recognized that atropisomers of the present compounds may exist. The present invention thus encompasses atropisomeric forms of compounds of formula I as defined above, and in classes and subclasses described above and herein.

[0038] Also, it will be appreciated by those of ordinary skill in the art that reference to a compound herein is intended to include reference to any and all related forms such as polymorphs, hydrates, etc. Also, compounds may be provided as pro-drugs or other forms converted into the active agent during manufacture, processing, formulation, delivery, or in the body.

[0039] It will additionally be appreciated that the principles of the present invention apply all radiolabelled forms of the compounds recited herein, including, for example, those where the radiolabels are selected from ^3H , ^{11}C , ^{14}C , ^{18}F , ^{123}I and ^{125}I . Such radiolabelled compounds are useful as research and diagnostic tools in metabolism pharmacokinetics studies and in binding assays in both animals and humans.

[0040] Exemplary compounds useful for the methods of the present invention are set forth in Table 1, below.

Table 1. Exemplary Compounds of Formula I

(±)-1-{7-[3,5-bis(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(3-chloro-4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(3,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (+)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (-)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (+)-1-(7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (-)-1-(7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(+)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(-)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(+)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(±)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-{7-[3-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(±)-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
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(±)-1-{7-[4-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(±)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-(5-chloro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(+)-1-(5-chloro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(-)-1-(5-chloro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(±)-1-[5-chloro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(±)-1-[5-chloro-7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[5-chloro-7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
(-)-(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
(+)-(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
(+)-*N*-[(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]-*N*-methylamine,
(-)-*N*-[(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]-*N*-methylamine,
(±)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-(4-fluoro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(±)-1-[4-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-(5-fluoro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(±)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[5-fluoro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine ,
(±)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(±)-(4,5-difluoro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
(±)-1-[4,5-difluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-(5-chloro-2-methyl-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(±)-(5-chloro-2-methyl-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
(±)-(5-chloro-2-methyl-7-thien-2-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
(+)-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-{7-[3-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,

(+)-1-{7-[3-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (+)-1-{7-[4-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (-)-1-{7-[4-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(2,6-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (+)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-{[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,5-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,5-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(5-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-[(7-pyridin-3-yl)-2,3-dihydro-1-benzofuran-2-yl]methylamine,

(+)-{[7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-[(5-fluoro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl] amine,
 (±)-{[5-fluoro-7-(3-furyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-[(5-fluoro-7-pyridin-2-yl-2,3-dihydro-1-benzofuran-2-yl)methyl] amine,
 (±)-[(5-fluoro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl] amine,
 (-)-[(5-fluoro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl] amine,
 (+)-{[5-fluoro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-[(5-fluoro-7-pyridin-4-yl-2,3-dihydro-1-benzofuran-2-yl)methyl] amine,
 (±)-[(5-fluoro-7-pyrimidin-5-yl-2,3-dihydro-1-benzofuran-2-yl)methyl] amine,
 (±)-{[7-(2,3-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-fluoro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-fluoro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(5-methoxy-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(2-methoxy-5-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

- (±)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} cyclopropanamine,
 (±)-1-cyclopropyl-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} methanamine,
 (±)-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} ethanamine,
 (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} dimethylamine,
 (±)-{[5-chloro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(3-furyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(3,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(3-chloro-4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

(-)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[(5-chloro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
 (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} cyclopropanamine,
 (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} (cyclopropylmethyl)amine,
 (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} ethanamine,
 (±)-{[(5-methyl-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
 (±)-{[7-(2-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-methyl-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(3-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(3-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(4-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(4-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(4-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(4-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dimethylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-ethyl-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-ethyl-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

- (±)-{[5-(trifluoromethyl)-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-(trifluoromethyl)phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-(trifluoromethyl)phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-(trifluoromethyl)phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethylphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(3,4-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(3-chloro-4-fluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

- (±)-{[7-(2,5-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,6-dimethylphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-4-[2-(aminomethyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-7-yl]benzotrile
- (±)-{[7-(3-furyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-thien-3-yl-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-pyridin-3-yl-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-chlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-methylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-methoxy-7-(3-thienyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,3-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,3-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,3-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,4-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,4-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (+)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (-)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-dimethoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(5-chloro-2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(3-chloro-4-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-[N-methyl-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[N-methyl-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[N-methyl-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[N-methyl-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[N-methyl-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[N-methyl-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(±)-[(N-methyl-1-[7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,5-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(5-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-[(N-methyl-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-{[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-{[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-N-methyl-1-(7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-[(N-methyl-1-[7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-{[5-fluoro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,5-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,5-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-{[5-fluoro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-{[5-fluoro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

- (±)-{[7-(2,5-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(5-methoxy-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-methoxy-5-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(5-chloro-2-methoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[(5-fluoro-7-pyridin-3-yl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[(5-chloro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[(5-chloro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,3-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(3,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[5-chloro-7-(3-chloro-4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(3-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(3-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

- (±)-{[7-(4-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(4-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(4-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(4-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (+)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (-)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,6-dimethylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2-chlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2-methylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,3-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,3-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,3-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,4-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,5-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,5-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,5-dimethoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(5-chloro-2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} methylamine,
 (±)-N-methyl-1-[7-(2,3-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

- (±)-N-methyl-1-[7-(3,4-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-N-methyl-1-[7-(2,5-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-N-methyl-1-[7-(2,3-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-{[7-(3-chloro-4-fluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-N-methyl-1-[7-(2,4-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+){[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-){[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (R)-[7-(2-chloro-phenyl)-(5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl)methyl]amine,
- (R)-[7-(2,6-dichloro-phenyl)-5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl]ethylamine,
- (R)-[7-(2,6-dichloro-phenyl)-5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl]dimethylamine,
- {[(2R)-7-(5-chloro-2-methylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- {[(2R)-7-(4-chloro-2-methylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (-)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (+)-{[7-(2,6 dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{2-[6-chloro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{2-[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{2-[7-(2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (-)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (+)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (+)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

(+)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 or
 (+)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine;
 or a pharmaceutically acceptable salt thereof.

[0041] In certain embodiments, exemplary compounds of formula **I** are as set forth in Table 1-a, below.

Table 1-a: Exemplary Compounds of formula I:

(±)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (+)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (-)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (-)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (+)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[5-chloro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(±)-1-[4-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[5-fluoro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine ,
 (±)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[4,5-difluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(5-chloro-2-methyl-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (+)-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,6-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (+)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-{[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[(7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
 (+)-{[(7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
 (+)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,

(±)-{[7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(5-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-fluoro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-fluoro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(5-methoxy-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-fluoro-7-(2-methoxy-5-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} cyclopropanamine,

- (±)-1-cyclopropyl-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methanamine,
- (±)-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}ethanamine,
- (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} dimethylamine,
- (±)-{[5-chloro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (-)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (+)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,3-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (-)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (+)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (-)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (+)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (+)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (-)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} cyclopropanamine,
- (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}(cyclopropylmethyl)amine,
- (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} ethanamine,
- (±)-{[7-(2-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

- (±)-{[7-(2-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-({5-methyl-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl} methyl) amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dimethylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-ethyl-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-ethyl-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-(trifluoromethyl)phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethylphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

- (±)-{[7-(2,5-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,6-dimethylphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-chlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-methylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,3-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,3-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,3-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,4-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,4-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (+)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (-)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,5-dimethoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(5-chloro-2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
- (±)-[(N-methyl-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,5-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(±)-[(N-methyl-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-{[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-{[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[(N-methyl-1-[7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-{[5-fluoro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,5-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,5-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (+)-{[5-fluoro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (-)-{[5-fluoro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,5-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(5-methoxy-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-fluoro-7-(2-methoxy-5-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[7-(5-chloro-2-methoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[(5-chloro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-[(5-chloro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,3-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
 (±)-{[5-chloro-7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

- (±)-{[5-chloro-7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[5-chloro-7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[5-chloro-7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[5-chloro-7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[5-chloro-7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (+)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,6-dimethylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2-chlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2-methylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,3-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,3-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,3-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,4-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,5-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

- (±)-{[7-(2,5-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,5-dimethoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(5-chloro-2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-N-methyl-1-[7-(2,3-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-N-methyl-1-[7-(2,3-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-N-methyl-1-[7-(2,4-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+){[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-){[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (R)-[7-(2-chloro-phenyl)-(5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl)methyl]amine,
- (R)-[7-(2,6-dichloro-phenyl)-5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl]ethylamine,
- (R)-[7-(2,6-dichloro-phenyl)-5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl]dimethylamine,
- {[(2R)-7-(5-chloro-2-methylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- {[(2R)-7-(4-chloro-2-methylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (-)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (+)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{2-[6-chloro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{2-[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{2-[7-(2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (-)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

(+)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
or
(+)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine;
or a pharmaceutically acceptable salt thereof.

[0042] Compounds of formula I for use in accordance with the present invention may be obtained or produced according to any available means including methods described in detail in United States patent application serial number 10/970,714, filed October 21, 2004, United States provisional patent application serial numbers 60/621,023, filed October 21, 2004, and 60/621,024, filed October 21, 2004, and in published PCT application publication number WO2005/044812, the entirety of each of which is hereby incorporated herein by reference.

2. *Antipsychotic Agents*

[0043] Antipsychotic agents that may usefully be employed in inventive combinations include those that work as a full antagonist of the dopamine D2 receptor and include both typical and atypical antipsychotics, or pharmaceutically acceptable salts of such agents. It will be understood that reference to "antipsychotic agents," "neuroleptic agents," or to specific compounds having antipsychotic activity, can include their pharmaceutically acceptable salts. Representative antipsychotic agents that are commercially available or known to those skilled in the art and include, but are not limited to the following compound and their pharmaceutically acceptable salts:

Table 2: Exemplary Antipsychotic Agents

COMMON NAME	CHEMICAL NAME	REFERENCE*	EXEMPLARY DOSE
amisulpiride	4-amino-N-[(1-ethyl-2-pyrrolidin-yl)methyl]-5-(ethyl-sulfonyl)-2-methoxybezamide	U.S. Patent No. 4,401,822	about 50 – about 800 mg/day
aripiprazole	Dihydroquinolinone	U.S. Patent No. 4,734,416 5,00,528	about 2.5- about 30 mg/day
chlorpromazine	2-chloro-N,N-dimethyl-10H-phenothiazine-10-propanamine	U.S. Patent No. 2,645,640	about 300 - about 800 mg per day
clozapine	8-chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e]-[1,4]-diazepine	U.S. Patent No. 3,539,573	about 300 - about 600 mg/day
fluphenazine	4-[3-[2-(trifluoromethyl)-10H-phenothiazin-10-yl]propyl]-1-piperazineethanol	GB 829,246	about 2 - about 5 mg per/day
haloperidol	4-[4-(4-chlorophenyl)-4-hydroxy-1-piperidinyl]-1-(4-fluoro-phenyl)-1-butanone	U.S. Patent No. 3,438,991	about 1 - about 20 mg per day
loxapine	2-chloro-11-(4-methyl-1-piperazinyl)-dibenz[b,f][1,4]oxazepine	U.S. Patent No. 3,546,226	about 60 - about 100 mg/day
mesoridazine	10-[2-(1-methyl-2-piperidinyl)ethyl]-2-(methylsulfinyl)-10H-pheno-thiazine	U.S. Patent No. 3,084,161	about 100 - about 400 mg/day
molindone	3-ethyl-1,5,6,7-tetrahydro-2-methyl-5-(4-morpholinylmethyl)-4H-indol-4-one	U.S. Patent No. 3,491,093	about 15 - about 225 mg/day
olanzapine	2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]-benzodiazepine	U.S. Patent No. 5,229,382	about 10 - about 20 mg/ day.
perphenazine	4-[3-(2-chloro-10H-phenothiazin-1-yl)propyl]-1-piperazine-ethanol	U.S. Patent No. 2,766,235	about 8 - about 40 mg/day
pimozide	1-(1-(4,4-bis(4-fluorophenyl)butyl)-4-		about 2 - 12 mg/day

	piperidinyl)-1,3-dihydro-2H-benzimidazole-2-one		
quetiapine	11-[4-(2-(2-hydroxyethoxy)ethyl)-1-piperazinyl]dibenzo[b,f]-1,4-thiazepine	U.S. Patent No. 4,879,288	about 300 - about 600 mg/day
risperidone	3-[2-[4-(6-fluoro-1,2-benzisoxazol-3-yl)piperidino]-ethyl]-imidazolidin-2-one	U.S. Patent No. 4,804,663	about risperidone from about 4 - about 20 mg/day day
seroquel	11-[4-[2-(2-hydroxyethoxy)ethyl]-1-piperazinyl]dibenzo[b,f]-[1,4]thiazepine	EP 240228	about 15 - about 750 mg/day
sulpiride	5-(aminosulfonyl)-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxybenzamide	U.S. Patent No. 3,342,826	about 400 - 800 mg/day
thioridazine	10-[2-(1-methyl-2-piperidinyl)ethyl]-2-(methylthio)-10H-phenothiazine	<i>Collect. Czech. Chem. Commun.</i> , 55:1586-1601, 1990	about 200 - about 600 mg/day
thiothixene	N,N-dimethyl-9-[3-(4-methyl-1-piperazinyl)-propylidene-9H-thioxanthene-2-sulfanamide	U.S. Patent No. 3,310,553	about 20 - about 30 mg/day
trifluoperazine	10-[3-(4-methyl-1-piperazinyl)-propyl]-2-(trifluoro-methyl)-10H-phenothiazine	GB 813,861	about 6 - about 20 mg/day;
ziprasidone	5-(2-(4-(1,2-Benzisothiazol-3-yl)piperazinyl)ethyl)-6-chloro-1,3-dihydro-2(1H)-indole-2-one	U.S. Patent Nos. 4,831,031 5,312,925 6,150,366 6,245,766	about 80 - about 160 mg/day

* Each cited reference is incorporated herein by reference in its entirety.

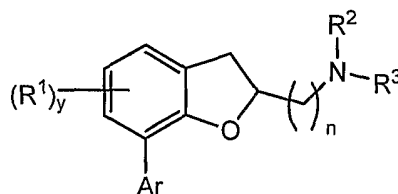
[0044] Other reported antipsychotic agents that can usefully be employed in combination with compounds of formula I include, for example (S)-2-(benzylamino-methyl)-2,3,8,9-tetrahydro-7H-1,4-dioxino[2,3-e]indol-8-one, a D₂ partial agonist, that is disclosed in U.S. Patent No. 5,756,532; or pharmaceutically acceptable salts thereof.

[0045] Antipsychotic agents for use in accordance with the present invention may be obtained or produced according to any available means.

3. *Pharmaceutical Compositions*

[0046] While it is possible for the active ingredients of the inventive combination to be administered as the raw chemical, it is often desirable to present them in the context of one or more pharmaceutical formulations. Pharmaceutical formulations according to the present invention comprise a combination according to the invention together with one or more pharmaceutically acceptable carriers or excipients and optionally other therapeutic agents.

[0047] Thus, present invention also provides a pharmaceutical composition comprising one or more 5-HT_{2C} receptor agonists of formula **I**:



I

or a pharmaceutically acceptable salt thereof, wherein:

n is one or two;

each of R² and R³ is independently hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl;

each R¹ is independently hydrogen, halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN;

Ar is thienyl, furyl, pyridyl, or phenyl, wherein Ar is optionally substituted with one or more R^x substituents;

each R^x is independently selected from halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN; and

n is one or two,

or pharmaceutically acceptable salts thereof, and one or more antipsychotic agents as a combined preparation for simultaneous, separate or sequential administration to treat a patient suffering from or susceptible to a psychotic disorder or episode.

[0048] Agents used in inventive combinations may be administered simultaneously, in the same or different pharmaceutical formulation, or sequentially. Of course the timing of the sequential administration should preserve the advantageous effects of the combination and said timing can be determined by a skilled practitioner. In other embodiments, the combinations are combined in a single unit dosage form.

[0049] A therapeutically effective amount of the combination will be understood to be an amount which treats, inhibits, prevents or ameliorates one or more symptoms of the psychotic

disorder or episode in question. In certain embodiments of the invention, the combination will show improved efficacy than achieved by administration of the same amount of either the compound of formula **I** or the antipsychotic agent alone. Furthermore, in certain embodiments the effective amount of the combination produces fewer side effects than are observed when the antipsychotic agent is administered alone at a dose that achieves substantially similar therapeutic efficacy.

[0050] The dosages of each of the drugs in the combination may be determined by a physician and will often depend upon the specific psychotic disorder or episode, as well as the size, age and response pattern of the patient. Dosage guidelines are provided here. For the combination, the dosage guideline for each of the drugs of the combination would be considered.

[0051] In general, suitable doses of compound of formula **I** from about 0.5 mg per day to about 500 mg per day; in some embodiments from about 1 to about 500 mg per day.

[0052] A suitable dose of antipsychotic agent may be in the range recommended by the manufacturer. In some embodiments of the invention, the antipsychotic agent is used at the low end of the range recommended by the manufacturer, or even below the range, in light of synergistic benefits that can be achieved according to the present invention. Exemplary dosages for some preferred antipsychotics are provided as guidelines in Table 2.

[0053] Useful carriers for use in inventive pharmaceutical formulations are compatible with the other ingredients in the composition. According to the present invention, compounds of formula **I** may be administered with antipsychotic agents in a single pharmaceutical formulation, or in multiple formulations. Where multiple formulations are employed, each may include both the compound of formula **I** and the antipsychotic agent, or alternatively, each may include only one.

[0054] An inventive combination of one or more compounds of formula **I** and one or more antipsychotic agents may conveniently be presented as a pharmaceutical formulation in a unitary dosage form. A convenient unitary dosage formulation contains the active ingredients in amounts from 0.1 mg to 1 g each, for example 5 mg to 500 mg. Typical unit doses may, for example, contain about 0.5 to about 500 mg, or about 1 mg to about 500 mg, of a compound of formula **I**.

[0055] According to the present invention, pharmaceutical formulations may be prepared as "patient packs" containing the whole course of treatment in a single package, for example a blister pack. Patient packs have an advantage over traditional prescriptions, where a pharmacist divides a patient's supply of a pharmaceutical from a bulk supply, in that the

patient always has access to the package insert contained in the patient pack, normally missing in traditional prescriptions. The inclusion of a package insert has been shown to improve patient compliance with the physician's instructions.

[0056] It will be understood that the administration of the inventive combination by means of a single patient pack, or patient packs of each formulation, with a package insert directing the patient to the correct use of the invention is a desirable additional feature of this invention.

[0057] According to a further aspect of the invention, there is provided a patient pack comprising at least one active ingredient of the combination of the invention and an information insert containing directions on the use of the combination of the invention. In other embodiments, the present invention provides a patient pack comprising both active ingredients of the combination of the invention for simultaneous or sequential administration to a patient, and further comprising an information insert containing directions on the use of the combination of the invention. In certain embodiments, the present invention provides a patient pack comprising both active ingredients of the combination of the invention formulated into a single unit dosage form for administration to a patient, and further comprising an information insert containing directions on the use of the combination of the invention.

[0058] According to the present invention, combinations of one or more compounds of formula I and one or more antipsychotic agents may be formulated for any mode of delivery including, for example, oral, rectal, nasal, topical (including transdermal, buccal and sublingual), vaginal or parenteral (including subcutaneous, intramuscular, intravenous and intradermal) administration. The formulations may be prepared by any methods well known in the art of pharmacy, for example, using methods such as those described in Gennaro et al., Remington's Pharmaceutical Sciences (18th ed., Mack Publishing Company, 1990, see especially Part 8: Pharmaceutical Preparations and their Manufacture). Such methods typically include a step of bringing into association the active ingredient(s) with the carrier which constitutes one or more accessory ingredients. Such accessory ingredients include, for example, fillers, binders, diluents, disintegrants, lubricants, colorants, flavouring agents and wetting agents.

[0059] Formulations suitable for oral administration may be presented, for example, as discrete units such as pills, tablets or capsules each containing a predetermined amount of active ingredient; as a powder or granules; as a solution or suspension. The active ingredient may also be present as a bolus or paste, or may be contained within liposomes. Formulations

suitable for oral administration may alternatively be presented, for example, as liquids. Liquid formulations may be particularly useful for administration to children. In general, when preparing liquid formulations for administration to children, it is desirable to avoid or minimize use of alcohol in the formulation.

[0060] Formulations for rectal administration may be presented, for example, as a suppository or enema.

[0061] For parenteral administration, suitable formulations include aqueous and non-aqueous sterile injection. The formulations may be presented in unit-dose or multi-dose containers, for example, sealed vials and ampoules, and may be stored in a freeze dried (lyophilized) condition requiring only the addition of the sterile liquid carrier, for example, water prior to use.

[0062] Formulations suitable for administration by nasal inhalation include, for example, fine dusts or mists which may be generated by means such as metered dose pressurized aerosols, nebulisers or insufflators.

[0063] Those of ordinary skill in the art will appreciate that pharmaceutical compositions comprising inventive combinations may further include one or more additional pharmaceutically active agents. For example, according to the present invention, the inventive combinations may be administered in conjunction with one or more other agents that is/are useful in treating psychotic disorders or their symptoms. Alternatively or additionally, inventive combinations may be administered with one or more other pharmaceutical agents active in treating any other symptom or medical condition experienced by the individual of interest, whether related or unrelated to the psychotic disorder from which the individual suffers. Examples of such pharmaceutical agents include, for example, pain relieving agents, anti-depressants, anti-anxiety drugs, and/or other agents that treat one or more mood disorders. Additional examples of such pharmaceutical agents include, for example, anti-angiogenic agents, anti-diabetic agents, anti-infective agents, pain-relieving agents, gastrointestinal agents, etc., or combinations thereof. A more complete list of such pharmaceutically active agents can be found in the Physicians' Desk Reference, 55th Edition, 2001, published by Medical Economics Co., Inc., Montvale, NJ.

4. *Uses*

[0064] Compounds of the present invention have affinity for and agonist or partial agonist activity at the 2C subtype of brain serotonin receptors and are thus of interest for the treatment of a variety of disorders as described herein and/or the alleviation of one or more

associated symptoms. Such disorders associated with modulations of the 2C subtype of brain serotonin receptors are described in detail below. The present invention contemplates that compounds of the present invention are associated with a rapid onset of action. In addition, compounds of the present invention lack the side-effect of sexual dysfunction.

[0065] Compounds of the present invention are useful for treating one or more psychotic disorders, as described herein, without causing diabetogenesis. Diabetogenesis is a side-effect associated with atypical antipsychotic agents. Without wishing to be bound by any particular theory, it is believed that the diabetogenesis associated with atypical antipsychotic agents results from the fact that those agents are 5-HT_{2C} antagonists. As described herein, the present compounds are 5-HT_{2C} agonists, or partial agonists, and therefore are not associated with diabetogenesis.

[0066] Administration of the inventive combinations is useful for the treatment or prevention of psychotic disorders or episodes. For example, according to the present invention, combinations of one or more compounds of formula I and one or more anti-psychotic agents may be used in the treatment of schizophrenia including paranoid type, disorganized type, catatonic type, and undifferentiated type, schizophreniform disorder, schizoaffective disorder, delusional disorder, substance-induced psychotic disorder, and psychotic disorder not otherwise specified; L-DOPA-induced psychosis; psychosis associated with Alzheimer's dementia; psychosis associated with Parkinson's disease; psychosis associated with Lewy body disease; bipolar disorders such as bipolar I disorder, bipolar II disorder, and cyclothymic disorder; dementia, and depression with psychotic features. In some embodiments, inventive combinations are useful in the treatment of bipolar disorder, including for example treating the cycling between bipolar depression and bipolar mania. A more complete description of the aforementioned mental disorders can be found in the Diagnostic and Statistical Manual of Mental Disorders, 4th edition, Washington, DC, American Psychiatric Association (1994), incorporated herein by reference in its entirety.

[0067] According to another embodiment, the present compounds are useful for treating bipolar disorders. Such bipolar disorders include bipolar I disorder, bipolar II disorder, and cyclothymic disorder; bipolar mania, dementia, and depression with psychotic features. The present compounds are also useful for treating (including the preventing) of cycling that may occur between bipolar depression and bipolar mania.

[0068] In particular, inventive combinations are useful in the treatment of psychotic disorders associated with altered neurotransmission activity of the dopaminergic system in the central nervous system. In some embodiments, the inventive combinations provide anti-

psychotic benefits while eliminating or minimizing certain side effects (e.g., akathisia, dystonia, Parkinsonism dyskinesia and late dyskinesia and the like) associated observed when the antipsychotic agent(s) is/are taken alone.

[0069] Inventive combinations may be administered to patients suffering from or susceptible to one or more psychotic disorders or episodes, according to a treatment regimen and dosing plan established by a doctor. In general, a patient is considered to be suffering from a psychotic disorder if that patient shows an appropriate collection of accepted symptoms of that disorder. A patient is considered to be susceptible to a psychotic disorder or episode if, for example, that patient has a familial history of the disorder, or carries a known genetic susceptibility trait for that disorder. A patient may also be considered to be susceptible if the patient has shown one or more symptoms of the disorder, or has experienced an episode of the disorder, in the past.

[0070] In general, the term "treatment," as used herein, refers to reversing, alleviating, delaying the onset of, inhibiting the progress of, or preventing a psychotic disorder or episode. In some embodiments, treatment may be applied after one or more symptoms have developed. In other embodiments, treatment may be administered in the absence of symptoms. For example, treatment may be administered to a susceptible individual prior to the onset of symptoms (e.g., in light of a history of symptoms and/or in light of genetic or other susceptibility factors). Treatment may also be continued after symptoms have resolved, for example to prevent or delay their recurrence.

[0071] Compounds of the present invention are also useful for treating symptoms related to psychotic disorders of the schizophrenic types, including the so called "positive" and "negative" symptoms of schizophrenia. These symptoms include for example hallucinations, delusions, paranoia, anxiety, agitation, excessive aggression, tension, thought disorder, blunted affect, and social or emotional withdrawal in psychotic patients. Other symptoms often associated with psychotic disorders include cognition disorders or deficits such as poor attention and impaired function, depression, suicide, metabolic syndrome, and substance abuse. Thus, another embodiment of the present invention provides a method for treating one or more symptoms associated with a psychotic disorder.

[0072] Those of ordinary skill in the art will also recognize that inventive combinations and compositions useful in the treatment of psychotic disorders may also find utility in the treatment of other disorders, for example depression or other mood disorders, many of which show significant co-morbidity with psychotic disorders.

EXEMPLIFICATION*1. Example 1: Inventive Combinations Reduce Apomorphine-Induced Climbing without Side Effects*

[0073] Using (7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydrobenzofuran-2-yl)methanamine (Compound 1) as an example, the present Example describes two experiments in which a compound of formula I, was administered in combination with either a typical (exemplified by haloperidol) or atypical (exemplified by clozapine). The combination reduced apomorphine-induced climbing without side effects.

Experiment 1

<u>Animal groups</u>	<u>Treatment</u>	<u>Number of animals (n)</u>
1	vehicle + vehicle	6
2	vehicle + cpd 1 (0.3 mg/kg)	6
3	vehicle + cpd 1 (1 mg/kg)	6
4	vehicle + cpd 1 (3 mg/kg)	6
5	Haloperidol (0.1 mg/kg) + vehicle	6
6	Haloperidol (0.1 mg/kg) + cpd 1 (0.3 mg/kg)	6
7	Haloperidol (0.1 mg/kg) + cpd 1 (1 mg/kg)	6
8	Haloperidol (0.1 mg/kg) + cpd 1 (3 mg/kg)	6
9	Haloperidol (0.17 mg/kg) + vehicle	6
10	Haloperidol (0.17 mg/kg) + cpd 1 (0.3 mg/kg)	6
11	Haloperidol (0.17 mg/kg) + cpd 1 (1 mg/kg)	6
12	Haloperidol (0.17 mg/kg) + cpd 1 (3 mg/kg)	6

Experiment 2

<u>Animal groups</u>	<u>Treatment</u>	<u>Number of animals (n)</u>
1	vehicle + vehicle	6
2	vehicle + cpd 1 (0.3 mg/kg)	6
3	vehicle + cpd 1 (1 mg/kg)	6
4	vehicle + cpd 1 (3 mg/kg)	6
5	Clozapine (3 mg/kg) + vehicle	6
6	Clozapine (3 mg/kg) + cpd 1 (0.3 mg/kg)	6
7	Clozapine (3 mg/kg) + cpd 1 (1 mg/kg)	6
8	Clozapine (3 mg/kg) + cpd 1 (3 mg/kg)	6
9	Clozapine (5.4 mg/kg) + vehicle	6
10	Clozapine (5.4 mg/kg) + cpd 1 (0.3 mg/kg)	6
11	Clozapine (5.4 mg/kg) + cpd 1 (1 mg/kg)	6
12	Clozapine (5.4 mg/kg) + cpd 1 (3 mg/kg)	6

Procedure:

[0074] Mice were acclimated to the climbing cages for at least 1 hour and then dosed with either the vehicle or a dose of haloperidol or clozapine followed by a dose of either vehicle or a dose of Compound 1. Thirty minutes after dosing all mice received 1 mg/kg s.c.

apomorphine and returned to the climbing cages. Five minutes after apomorphine the mice were observed and scored for climbing and stereotypy every 5 minutes for the 30 minute test session.

Results

[0075] Experiment 1: Compound 1 (0.3, 1 & 3 mg/kg) when co-administered with haloperidol (0.17 mg/kg) produced a greater block of apomorphine induced climbing than when either compound was administered alone with no effect on stereotypy relative to haloperidol alone. The ED₅₀ for apomorphine block for Compound 1 alone was 1.81 mg/kg and was reduced to 1.49 and 0.534 mg/kg when co-administered with 0.1 and 0.17 mg/kg of haloperidol respectively (Figure 1).

[0076] Experiment 2: Compound 1 (0.3, 1 & 3 mg/kg) when co-administered with clozapine (3 & 5.4 mg/kg) produced a greater block of apomorphine induced climbing than when either compound was administered alone with no effect on stereotypy. The ED₅₀ for apomorphine block for Compound 1 alone was 7.15 mg/kg and was reduced to 2.48 and 1.67 mg/kg when co-administered with 3 and 5.4 mg/kg of clozapine respectively (Figure 2).

2. *Example 2: Extrapyramidal Side Effects of Inventive Combinations As Compared with Anti-psychotic Agents Alone*

[0077] Using (7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydrobenzofuran-2-yl)methanamine (Compound 1) as an example, the present Example describes an experiment in which a compound of formula I was administered in combination with haloperidol to assess extrapyramidal side effect liability, as represented by cataleptic behavior.

Experiment

<u>Animal groups</u>	<u>Treatment</u>	<u>Number of animals (n)</u>
1	vehicle + vehicle	6
2	vehicle + cpd 1 (3 mg/kg)	6
3	Haloperidol (0.1 mg/kg) + vehicle	6
4	Haloperidol (0.17 mg/kg) + vehicle	6
5	Haloperidol (0.1 mg/kg) + cpd 1 (3 mg/kg)	6
6	Haloperidol (0.17 mg/kg) + cpd 1 (3 mg/kg)	6

Procedure:

[0078] Mice were dosed with either the vehicle or a dose of haloperidol followed by a dose of either vehicle or a dose of Compound 1. Thirty, 60, 90 and 120 minutes after dosing, the forelegs are draped over a thin horizontal rod 1.75" high. The number of seconds up to 60

sec for which the mouse remains on the bar is recorded at each test point and presented as the percent of maximum possible response (60 sec).

Results:

[0079] Compound 1 (3 mg/kg) resulted in a moderate increase in catalepsy induced by haloperidol (0.1 & 0.17 mg/kg) up to 45% of maximum catalepsy. Thus, there is a large window for the increased efficacy (0.3 mg/kg) with co-administration and increased EPS liability (≥ 3 mg/kg).

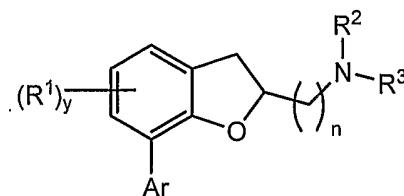
[0080] Thus, the present Examples illustrate that inventive combinations enhance the ability of haloperidol to treat positive symptoms of schizophrenia as modeled by the amphetamine-induced hyperactivity with acceptable liability for the side effects it induces as modeled by catelepsy.

CLAIMS

What is claimed is:

1. A composition comprising:

(a) a compound of formula I:



I

or a pharmaceutically acceptable salt thereof, wherein:

n is one or two;

each of R² and R³ is independently hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl;

each R¹ is independently hydrogen, halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN;

Ar is thienyl, furyl, pyridyl, or phenyl, wherein Ar is optionally substituted with one or more R^x substituents;

each R^x is independently selected from halogen, OH, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, or CN; and

y is 0-3,

and

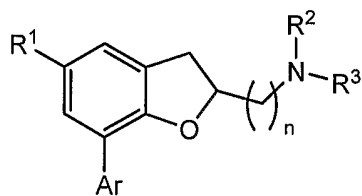
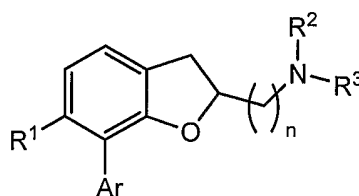
(b) an antipsychotic agent.

2. The composition according to claim 1, wherein one of R² and R³ is hydrogen and the other R² and R³ group is hydrogen, methyl, ethyl, 2-fluoroethyl, 2,2-difluoroethyl or cyclopropyl.

3. The composition according to claim 2, wherein both of R² and R³ are hydrogen.

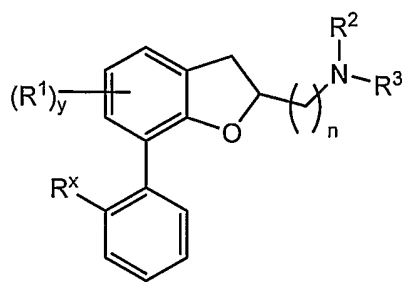
4. The composition according to claim 1, wherein neither R² and R³ is hydrogen.

5. The composition according to any one of claims 1 to 4, wherein y is zero.
6. The composition according to any one of claims 1 to 4, wherein y is other than zero and at least one R¹ group is halogen.
7. The composition according to any one of claims 1 to 4, wherein y is one and R¹ is halogen, OH, lower alkyl, lower alkoxy, trifluoromethyl, trifluoromethoxy, or CN.
8. The composition according to claim 7, wherein y is one and R¹ is fluoro or chloro.
9. The composition according to claim 7, wherein said compound is of formula **Ia** or **Ia'**:

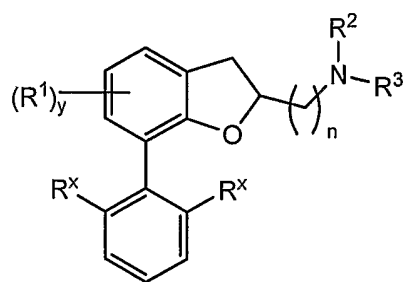
**Ia****Ia'**

or a pharmaceutically acceptable salt thereof.

10. The composition according to any one of claims 1 to 9, wherein Ar is unsubstituted phenyl.
11. The composition according to any one of claims 1 to 9, wherein Ar is phenyl with at least one substituent in the ortho position.
12. The composition according to claim 11, wherein Ar is phenyl with at least one substituent in the ortho position selected from halogen, lower alkyl, lower alkoxy, or trifluoromethyl.
13. The composition according to claim 11, wherein said compound is of formula **Ib** or **Ic**:



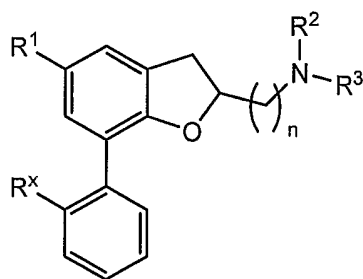
Ib



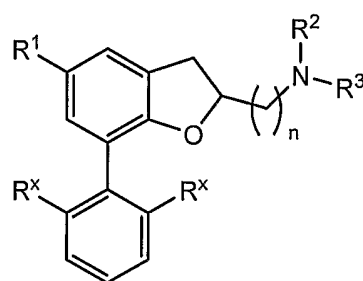
Ic

or a pharmaceutically acceptable salt thereof.

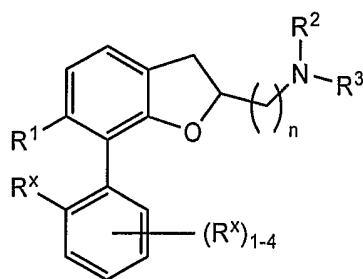
14. The composition according to claim 13, wherein said compound is of formula **Id**, **Ie**, **If**, **Ig**, **Ih**, or **Ii**:



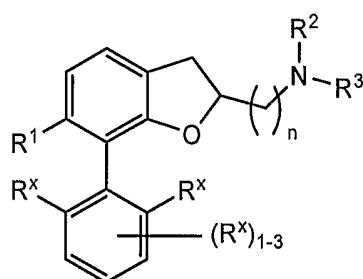
Id



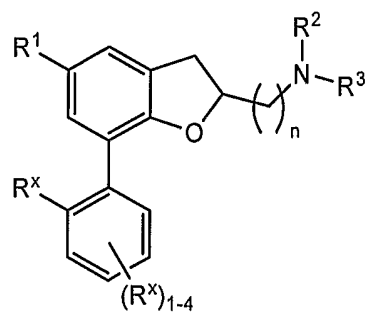
Ie



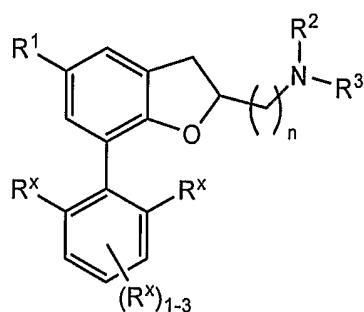
If



Ig



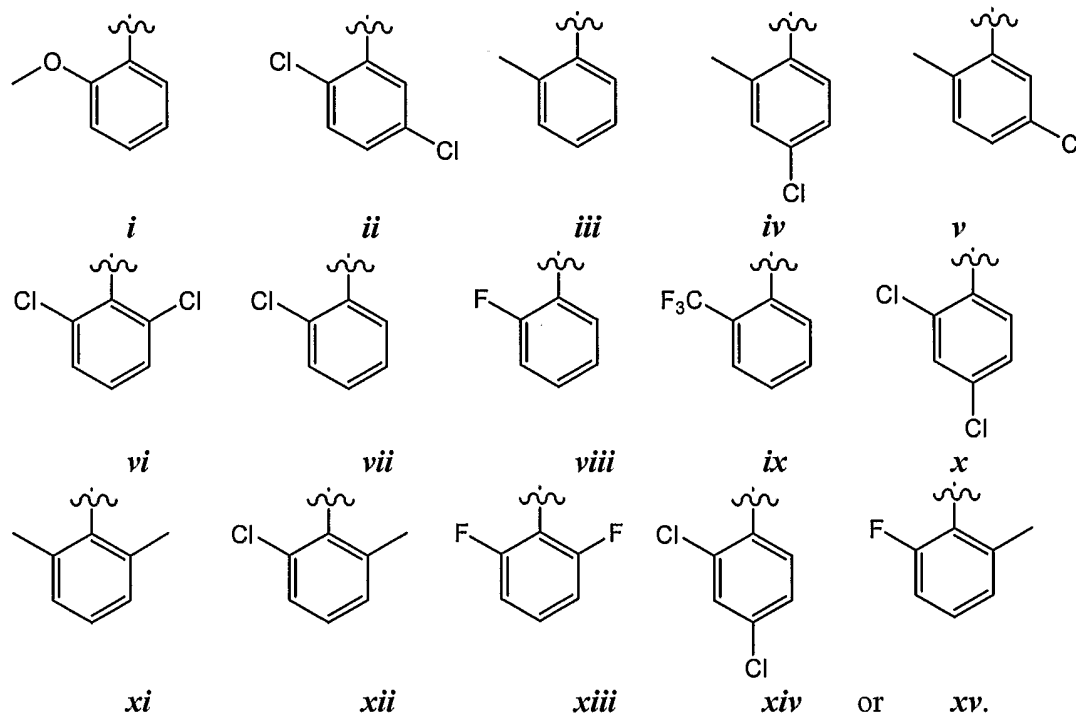
Ih



or **Ii**

or a pharmaceutically acceptable salt thereof.

15. The composition according to any one of claims 1 to 9, wherein Ar is selected from:



16. The composition according to claim 1, wherein said compound is selected from:

- (±)-1-{7-[3,5-bis(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(3-chloro-4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(3,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (+)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (-)-1-(7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (+)-1-(7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (-)-1-(7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(+)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(-)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(+)-1-{7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(±)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-{7-[3-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(±)-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-[7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(+)-1-[7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-1-[7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-{7-[4-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
(±)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-1-(5-chloro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(+)-1-(5-chloro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(-)-1-(5-chloro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(±)-1-[5-chloro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(±)-1-[5-chloro-7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[5-chloro-7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
 (-)-(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
 (+)-(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
 (+)-*N*-[(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]-*N*-methylamine,
 (-)-*N*-[(5-chloro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]-*N*-methylamine,
 (±)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[5-chloro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(4-fluoro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-1-[4-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-chlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(5-fluoro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[5-fluoro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine ,
 (±)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-(4,5-difluoro-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
 (±)-1-[4,5-difluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-(5-chloro-2-methyl-7-phenyl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
 (±)-(5-chloro-2-methyl-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
 (±)-(5-chloro-2-methyl-7-thien-2-yl-2,3-dihydro-1-benzofuran-2-yl)methylamine,
 (+)-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-{7-[3-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,

(+)-1-{7-[3-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (+)-1-{7-[4-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (-)-1-{7-[4-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(2,6-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (+)-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (-)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (+)-1-{5-fluoro-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl}methanamine,
 (±)-1-[7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
 (±)-{[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,5-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,5-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(4-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(5-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(pyridin-3-yl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,

(+)-{[7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(-)-{[7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-[(5-fluoro-7-thien-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
(±)-{[5-fluoro-7-(3-furyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-[(5-fluoro-7-pyridin-2-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
(±)-[(5-fluoro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
(-)-[(5-fluoro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
(+)-{[5-fluoro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-[(5-fluoro-7-pyridin-4-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
(±)-[(5-fluoro-7-pyrimidin-5-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]amine,
(±)-{[7-(2,3-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(-)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(+)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,4-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(-)-{[5-fluoro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(+)-{[5-fluoro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,4-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,5-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,5-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,5-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,5-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(5-methoxy-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[5-fluoro-7-(2-methoxy-5-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
(±)-{[7-(2,6-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

(±)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} cyclopropanamine,
 (±)-1-cyclopropyl-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} methanamine,
 (±)-N-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} ethanamine,
 (±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl} dimethylamine,
 (±)-{[5-chloro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(3-furyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(3,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(3-chloro-4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (-)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (+)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

(-)-{[5-chloro-7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[(5-chloro-7-pyridin-3-yl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}cyclopropanamine,
 (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}(cyclopropylmethyl)amine,
 (±)-N-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}ethanamine,
 (±)-{[(5-methyl-7-phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[5-methyl-7-[2-(trifluoromethyl)phenyl]-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(3-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(3-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(4-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(4-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(4-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(4-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,6-dimethylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (-)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (+)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[5-ethyl-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[5-ethyl-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[5-(trifluoromethyl)-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
 (±)-{[5-(trifluoromethyl)-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,

- (±)-{[5-(trifluoromethyl)-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(2-(trifluoromethyl)phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(3-(trifluoromethyl)phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[5-(trifluoromethyl)-7-(4-(trifluoromethyl)phenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethylphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,3-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,4-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(3,4-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(3-chloro-4-fluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,
 (±)-{[7-(2,5-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl} amine,

- (±)-{[7-(2,5-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,6-dimethylphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-4-[2-(aminomethyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-7-yl]benzotrile
- (±)-{[7-(3-furyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-thien-3-yl-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-pyridin-3-yl-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2-chlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2-methylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[5-methoxy-7-(3-thienyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,3-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,3-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,3-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,4-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,4-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,5-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (+)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (-)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,5-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,5-dimethoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(5-chloro-2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(3-chloro-4-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-[(N-methyl-1-[7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(3-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(3-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(3-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(3-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-[(N-methyl-1-[7-(4-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

(±)-[(N-methyl-1-[7-(4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(4-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(4-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,5-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(5-chloro-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-[(N-methyl-1-[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(-)-{[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[7-(2,6-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-N-methyl-1-(7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methanamine,
(±)-[(N-methyl-1-[7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
(±)-{[5-fluoro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-fluoro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[5-fluoro-7-(2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-fluoro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-[7-(2,4-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,5-difluorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,5-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[5-fluoro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[5-fluoro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

- (±)-{[7-(2,5-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-fluoro-7-(5-methoxy-2-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-fluoro-7-(2-methoxy-5-methylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(5-chloro-2-methoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-[(5-fluoro-7-pyridin-3-yl-2,3-dihydro-1-benzofuran-2-yl)methyl]methylamine,
(±)-[(5-chloro-7-(2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl)methyl]methylamine,
(±)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-[(5-chloro-7-(2-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl)methyl]methylamine,
(±)-{[5-chloro-7-(2,3-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,3-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,3-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,3-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,4-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,4-dimethoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,5-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(5-chloro-2-methoxyphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[5-chloro-7-(3,4-difluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-[5-chloro-7-(3-chloro-4-fluorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(3-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(3-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

(±)-{[7-(4-methylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(4-chlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(4-fluorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(4-methoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,4-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[7-(2,5-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,6-dimethylphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,6-dichlorophenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2-fluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2-chlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2-methylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,3-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,3-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,3-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,4-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,5-difluorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,5-dichlorophenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,5-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,5-dimethoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(5-chloro-2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(±)-N-methyl-1-[7-(2,3-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,

- (±)-N-methyl-1-[7-(3,4-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-N-methyl-1-[7-(2,5-difluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-N-methyl-1-[7-(2,3-dichlorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (±)-{[7-(3-chloro-4-fluorophenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (±)-N-methyl-1-[7-(2,4-dimethoxyphenyl)-5-(trifluoromethyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+){[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-){[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (R)-[7-(2-chloro-phenyl)-(5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl)methyl]amine,
- (R)-[7-(2,6-dichloro-phenyl)-5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl]ethylamine,
- (R)-[7-(2,6-dichloro-phenyl)-5-Fluoro-2,3-dihydro-benzofuran-2-ylmethyl]dimethylamine,
- {[(2R)-7-(5-chloro-2-methylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- {[(2R)-7-(4-chloro-2-methylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (-)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (+)-{[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}amine,
- (±)-{2-[6-chloro-7-(2-chlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{2-[7-(2,6-dichlorophenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{2-[7-(2-methoxyphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]ethyl}amine,
- (±)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (-)-{N-methyl-1-[(7-(2,4,6-trichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methanamine,
- (+)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[7-(2,6-dimethylphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (+)-{[7-(2,6-dimethylphenyl)-5-methoxy-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (+)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[5-chloro-7-(2,5-dichlorophenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
- (-)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,

(+)-{[5-chloro-7-(2,6-dimethylphenyl)-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(+)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[7-(2,3-dimethoxyphenyl)-5-methyl-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
(-)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine,
or
(+)-{[7-(2,3-dimethoxyphenyl)-5-fluoro-2,3-dihydro-1-benzofuran-2-yl]methyl}methylamine;
or a pharmaceutically acceptable salt thereof.

17. A method of treating a patient suffering from a psychotic disorder comprising administering to said patient an effective amount of a composition according to any one of claims 1 to 16.

18. The method according to claim 17, wherein the antipsychotic agent is an atypical antipsychotic.

19. The method according to claim 17, wherein the antipsychotic agent is a typical antipsychotic.

20. The method according to claim 17, wherein the antipsychotic agent is selected from chlorpromazine, mesoridazine, thioridazine, fluphenazine, trifluoperazine, perphenazine, clozapine, haloperidol, loxapine, molindone, thiothixene, risperidone, seroquel, or olanzapine.

21. The method according to claim 17, wherein administration of the compounds is oral.

22. The method according to claim 17, wherein the patient is suffering from schizophrenia.

23. The method according to claim 17, wherein the patient is suffering from schizoaffective disorder.

24. The method according to claim 17, wherein the patient is suffering from bipolar disorder.

25. A product comprising a compound as claimed in any one of claims 1 to 16 and an antipsychotic agent as a combined preparation for simultaneous, separate or sequential use in the treatment or prophylaxis of a psychotic disorder.

26. Use of a compound as claimed in any one of claims 1 to 16 and an antipsychotic agent in the preparation of a medicament for the treatment or prophylaxis of a psychotic disorder.

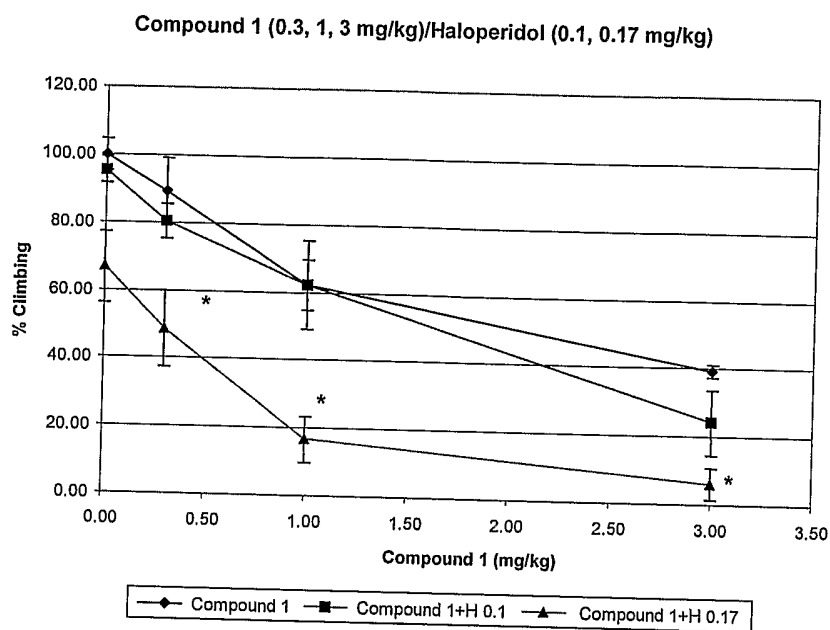


Figure 1

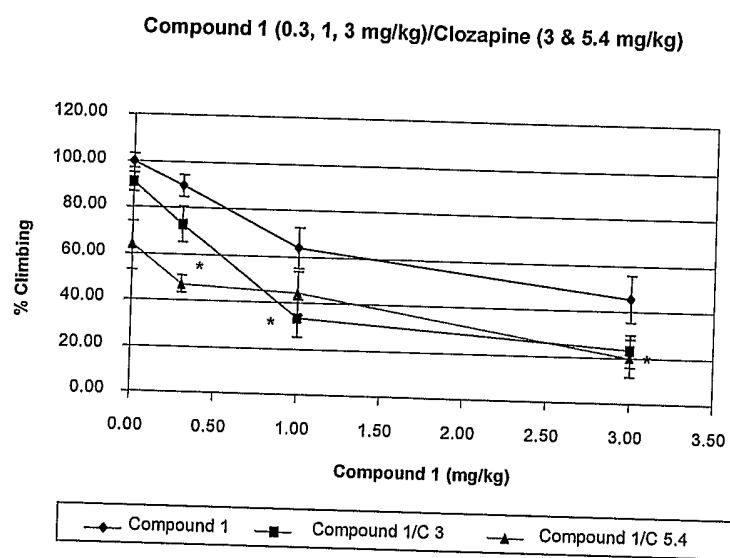


Figure 2