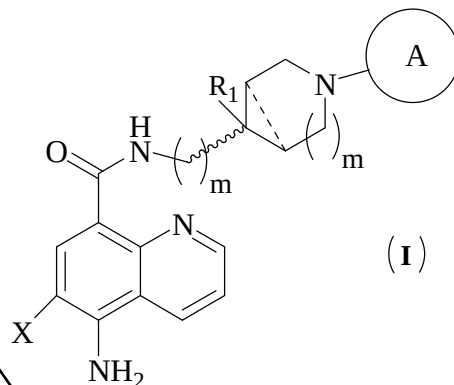


1. A compound of the general formula (I):

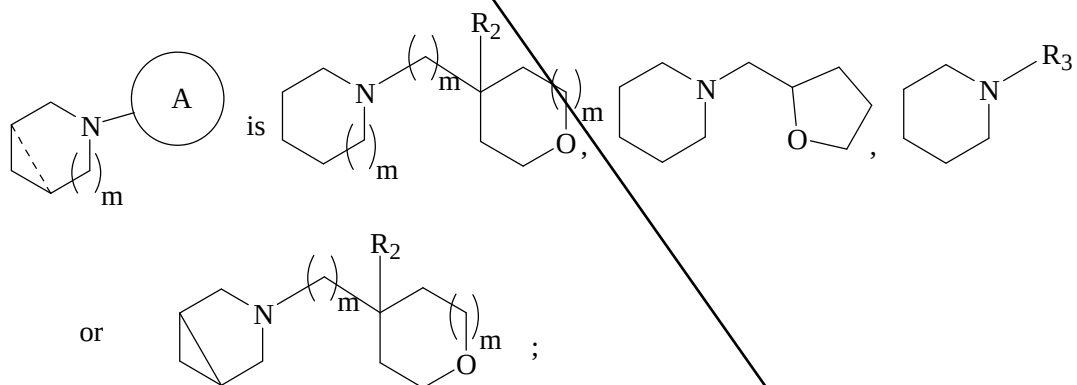


or a pharmaceutically acceptable salt thereof,

wherein,

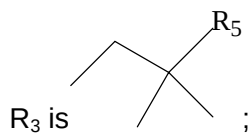
“X” is halogen;

~~“wavy” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;~~



R₁ is hydrogen, hydroxy or fluoro;

R₂ is hydrogen, hydroxy or fluoro;



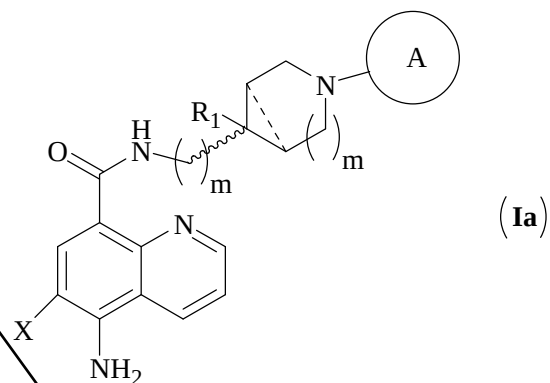
R₅ is fluoro, hydroxy or methoxy;

“m” is 0 or 1, both inclusive;

"n" is an integer ranging from 0 to 3, both inclusive.

2. A compound selected from:

(a) a compound of formula (Ia):

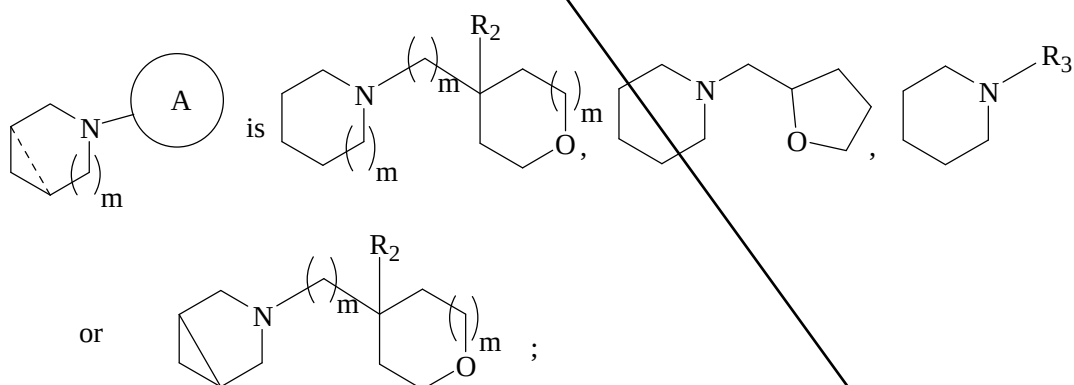


or a pharmaceutically acceptable salt thereof,

wherein,

“X” is halogen;

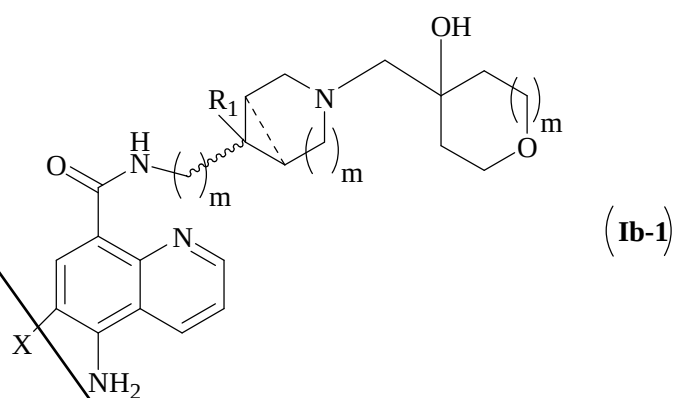
“~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;



R₁ is hydrogen, hydroxy or fluoro;

“m” is 0 or 1, both inclusive;

(b) a compound of formula (Ib-1):



or a pharmaceutically acceptable salt thereof,

wherein,

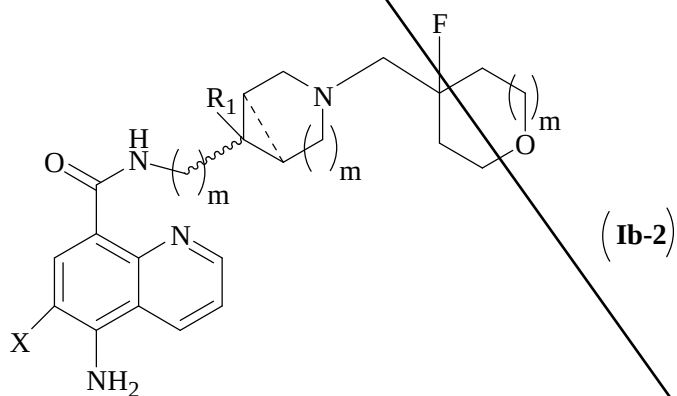
“X” is halogen;

“~~~~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R_1 is hydrogen, hydroxy or fluoro;

“m” is 0 or 1, both inclusive;

(c) a compound of formula (Ib-2):



or a pharmaceutically acceptable salt thereof,

wherein,

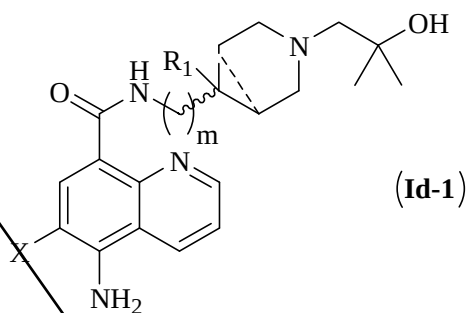
“X” is halogen;

“~~~~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R_1 is hydrogen, hydroxy or fluoro;

"m" is 0 or 1, both inclusive;

(d) a compound of formula (**Id-1**):



or a pharmaceutically acceptable salt thereof,

wherein,

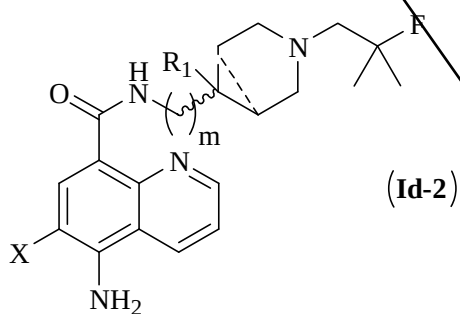
"X" is halogen;

"~~~~" is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R₁ is hydrogen, hydroxy or fluoro;

"m" is 0 or 1, both inclusive;

(e) a compound of formula (**Id-2**):



or a pharmaceutically acceptable salt thereof,

wherein,

"X" is halogen;

"~~~~" is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R₁ is hydrogen, hydroxy or fluoro;

"m" is 0 or 1, both inclusive.

3. The compound according to claim 1, which is selected from the group consisting of:

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide hemifumarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

(*R,S*) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(*R,S*) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-yl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-3-furanylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-3-pyrrolidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(*Exo*) 5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-bromo-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(*R,S*) 5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(4-hydroxy tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-fluorotetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide hydrochloride;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide fumarate;

5-Amino-6-chloro-*N*-{[3-(2-hydroxy-2-methyl propyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(2-fluoro-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(2-fluoro-2-methyl propyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-fluoro-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-bromo-*N*-{[1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide; and

5-Amino-6-bromo-*N*-{[4-fluoro-1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide.

4. A compound is selected from the group consisting of:

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide hemifumarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

(R,S) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(R,S) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-yl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-3-furanylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-3-pyrrolidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(Exo) 5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-bromo-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(*R,S*) 5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(4-hydroxy tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-fluorotetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide hydrochloride;
5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide fumarate;
5-Amino-6-chloro-*N*-{[3-(2-hydroxy-2-methyl propyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;
5-Amino-6-fluoro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate;
5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide;
5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate;
5-Amino-6-bromo-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate; and
5-Amino-6-bromo-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate.

5. A pharmaceutical composition comprising a compound according to any one of the claims 1 to 4 and pharmaceutically acceptable excipients.

6. The pharmaceutical composition according to claim 5, for use in the treatment of clinical conditions mediated through 5-HT₄ receptor agonists such as Alzheimer's disease, schizophrenia, attention deficit hyperactivity disorder, Huntington's disease, Parkinson's disease, depression, psychiatric disorders, pain or gastrointestinal disorders.

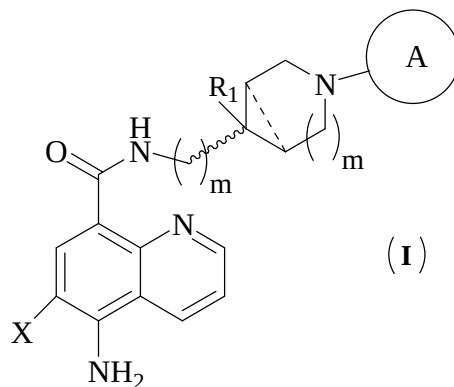
7. The use of a compound or pharmaceutically acceptable salt thereof according to any one of claims 1 to 4 in the manufacture of a medicament for the treatment of Alzheimer's disease, schizophrenia, attention deficit hyperactivity disorder, Huntington's disease, Parkinson's disease, depression, psychiatric disorders, pain or gastrointestinal disorders, comprising administering to a patient in need thereof an effective amount of said compound or pharmaceutically acceptable salt thereof.

8. Use of a compound according to any one of the claims 1 to 4 in the manufacture of a medicament for the treatment of diseases related to 5-HT₄ receptor agonists.

9. The use of compound according to the claim 8, in the manufacture of a medicament for the treatment of clinical conditions such as Alzheimer's disease, schizophrenia, attention deficit hyperactivity disorder, Huntington's disease, Parkinson's disease, depression, psychiatric disorders, pain or gastrointestinal disorders.

We claim:

1. A compound of the general formula (I):

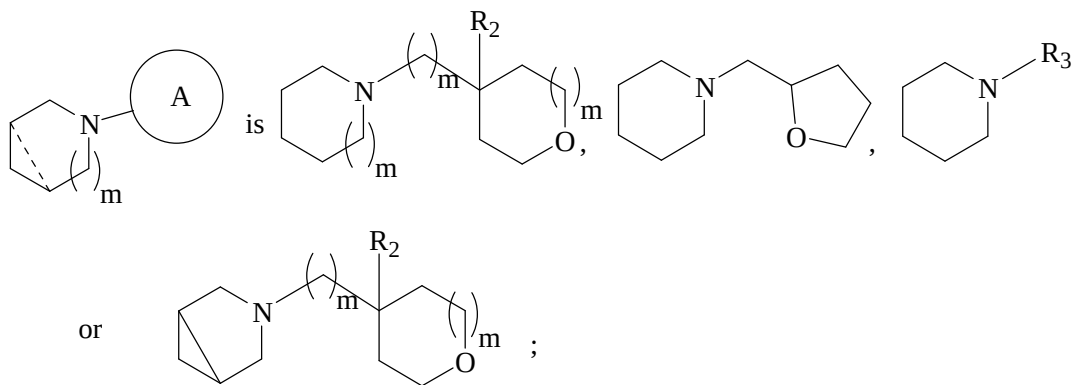


or a pharmaceutically acceptable salt thereof,

wherein,

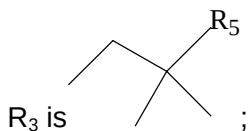
“X” is halogen;

“~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;



R₁ is hydrogen, hydroxy or fluoro;

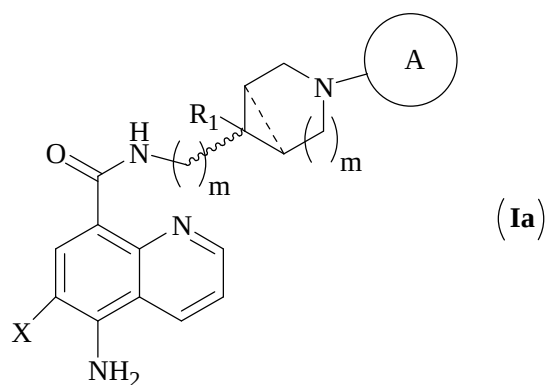
R₂ is hydrogen, hydroxy or fluoro;



R₅ is fluoro, hydroxy or methoxy;

“m” is 0 or 1, both inclusive

(a) a compound of formula **(Ia)**:

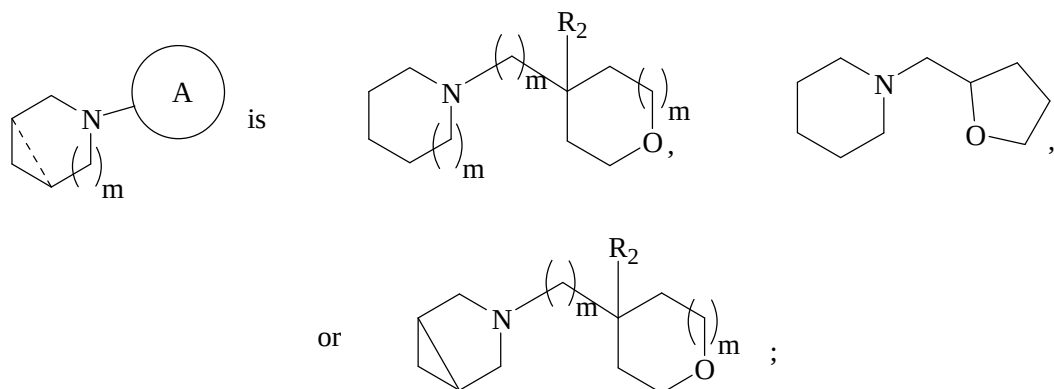


or a pharmaceutically acceptable salt thereof,

wherein,

"X" is halogen;

“” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

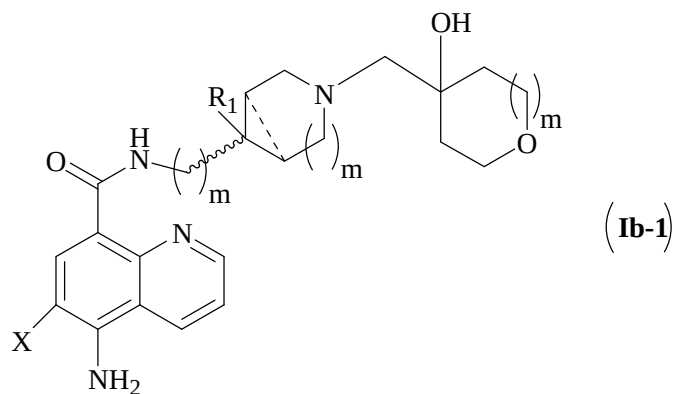


R₁ is hydrogen, hydroxy or fluoro;

R₂ is hydrogen, hydroxy or fluoro;

“m” is 0 or 1, both inclusive;

(b) a compound of formula (**lb-1**):



or a pharmaceutically acceptable salt thereof,

wherein,

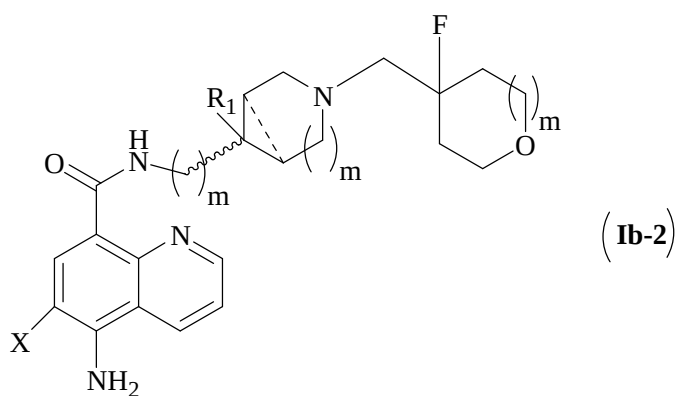
“X” is halogen;

“~~~~~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R₁ is hydrogen, hydroxy or fluoro;

“m” is 0 or 1, both inclusive;

(c) a compound of formula (Ib-2):



or a pharmaceutically acceptable salt thereof,

wherein,

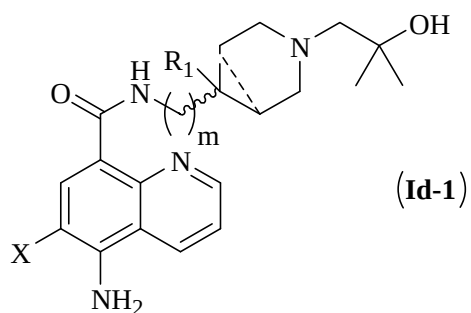
“X” is halogen;

“~~~~~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R₁ is hydrogen, hydroxy or fluoro;

“m” is 0 or 1, both inclusive;

(d) a compound of formula (**Id-1**):



or a pharmaceutically acceptable salt thereof,

wherein,

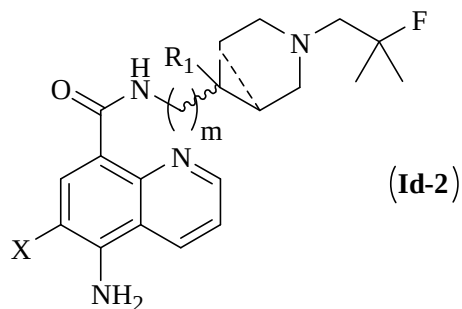
“X” is halogen;

“~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R₁ is hydrogen, hydroxy or fluoro;

“m” is 0 or 1, both inclusive;

(e) a compound of formula (**Id-2**):



or a pharmaceutically acceptable salt thereof,

wherein,

“X” is halogen;

“~” is a bond represents racemic mixture, R-enantiomer, S-enantiomer, exo isomer, endo isomer or achiral;

R₁ is hydrogen, hydroxy or fluoro;

“m” is 0 or 1, both inclusive.

3. The compound according to claim 1, which is selected from the group consisting of:

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide hemifumarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

(R,S) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(R,S) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-yl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-3-furanylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-3-pyrrolidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(Exo) 5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-bromo-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(*R,S*) 5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(4-hydroxy tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-fluorotetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide hydrochloride;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide fumarate;

5-Amino-6-fluoro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(2-fluoro-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(2-fluoro-2-methyl propyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-fluoro-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-bromo-*N*-{[1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide; and

5-Amino-6-bromo-*N*-{[4-fluoro-1-(2-methoxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide.

4. A compound is selected from the group consisting of:

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide hemifumarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

(R,S) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(R,S) 5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-yl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-3-furanylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-3-pyrrolidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(Exo) 5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(tetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide;

5-Amino-6-bromo-*N*-{[1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(tetrahydro-2-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[3-(tetrahydro-2H-pyran-4-yl methyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

(*R,S*) 5-Amino-6-chloro-*N*-{[4-fluoro-1-(tetrahydro-3-furanylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl] quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[3-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{1-(4-hydroxytetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-hydroxy-1-(4-hydroxy tetrahydro-2H-pyran-4-yl methyl)-4-piperidinyl] methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(4-fluorotetrahydro-2H-pyran-4-ylmethyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidinyl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide hydrochloride;

5-Amino-6-chloro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide fumarate;

5-Amino-6-chloro-*N*-{[3-(2-hydroxy-2-methyl propyl)-3-azabicyclo[3.1.0]hex-6-yl]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide;

5-Amino-6-fluoro-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate;

5-Amino-6-bromo-*N*-{[1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate; and

5-Amino-6-bromo-*N*-{[4-fluoro-1-(2-hydroxy-2-methyl propyl)-4-piperidiny]methyl} quinoline-8-carboxamide L(+)-tartarate.

5. A pharmaceutical composition comprising a compound according to any one of the claims 1 to 4 and pharmaceutically acceptable excipients.

6. The pharmaceutical composition according to claim 5, for use in the treatment of clinical conditions mediated through 5-HT₄ receptor agonists selected from Alzheimer's disease, schizophrenia, attention deficit hyperactivity disorder, Huntington's disease, Parkinson's disease, depression, psychiatric disorders, pain or gastrointestinal disorders.

7. Use of a compound or pharmaceutically acceptable salt thereof according to any one of claims 1 to 4 in the manufacture of a medicament for the treatment of Alzheimer's disease, schizophrenia, attention deficit hyperactivity disorder, Huntington's disease, Parkinson's disease, depression, psychiatric disorders, pain or gastrointestinal disorders.

8. Use of a compound according to any one of the claims 1 to 4 in the manufacture of a medicament for the treatment of diseases related to 5-HT₄ receptor agonists selected from

Alzheimer's disease, schizophrenia, attention deficit hyperactivity disorder, Huntington's disease, Parkinson's disease, depression, psychiatric disorders, pain or gastrointestinal disorders.