Claims

1. A compound, which is selected from the group consisting of:

3-Propyl-7-((tetrahydro-2H-pyran-3-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 1

3-Propyl-7-((tetrahydro-2H-pyran-3-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 2

7-(Cyclohexylmethyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(Cyclopentylmethyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Propyl-7-((tetrahydro-2H-pyran-4-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-Isobutyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(Cyclopropylmethyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-Ethyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(Oxetan-3-ylmethyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(Cycloheptylmethyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Propyl-7-((tetrahydrofuran-3-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereisomer 1

3-Propyl-7-((tetrahydrofuran-3-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereisomer 2

7-Benzyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(2-Fluorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Methylbenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Propyl-7-(4-(trifluoromethyl)benzyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-((tetrahydrofuran-3-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Propyl-7-(2-(trifluoromethyl)benzyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(2-Chlorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(4-Chlorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(4-Chlorobenzyl)-3-(tetrahydrofuran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-Hexyl-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(4-Fluorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(4-Chlorobenzyl)-3-ethyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Chlorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(4-Methylbenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(2-Methylbenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Cyclopentyl-7-(3-fluorobenzyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-Isopentyl-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Cyclopropyl-7-(3-fluorobenzyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Cyclohexyl-7-(3-fluorobenzyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-(tetrahydro-2H-pyran-2-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 1

7-(3-Fluorobenzyl)-3-(tetrahydro-2H-pyran-2-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer2

7-(3-Fluorobenzyl)-3-(tetrahydrofuran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 1

7-(3-Fluorobenzyl)-3-(tetrahydrofuran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 2

7-(3-Fluorobenzyl)-3-(2-fluoroethyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-(1,1-Difluoroethyl)-7-(3-fluorobenzyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-(tetrahydro-2H-pyran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 1

7-(3-Fluorobenzyl)-3-(tetrahydro-2H-pyran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 2

7-(3-Fluorobenzyl)-3-(tetrahydrofuran-2-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one Stereoisomer 1

7-(3-Fluorobenzyl)-3-(tetrahydrofuran-2-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one Stereoisomer 2

7-(3-Fluorobenzyl)-3-((tetrahydrofuran-2-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 1

7-(3-Fluorobenzyl)-3-((tetrahydrofuran-2-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 2

7-(3-Fluorobenzyl)-3-(2,2,2-trifluoroethyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-(oxetan-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-(1-fluoroethyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 2

7-(3-Fluorobenzyl)-3-(1-fluoroethyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 1

7-(3-Fluorobenzyl)-3-(heptan-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one,

7-(3-Fluorobenzyl)-3-((tetrahydrofuran-3-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 1

7-(3-Fluorobenzyl)-3-((tetrahydrofuran-3-yl)methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one, stereoisomer 2

7-((4,4-Dimethylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(Cycloheptylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(((3r,5r,7r)-Adamantan-1-yl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-((4-Methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-((1-Methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-((4,4-Difluorocyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(Cyclopentylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(Cyclohexylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

3-Propyl-7-(spiro[2.5]octan-6-ylmethyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-((3-Methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-((2-Methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(((1r,3r,5r,7r)-Adamantan-2-yl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-((4-Fluorocyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-((1s,4s)-4-hydroxycyclohexyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-Fluorobenzyl)-3-((1r,4r)-4-hydroxycyclohexyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(((1s,4s)-4-methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(((1r,4r)-4-methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-bromo-7-(3-fluorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-bromo-7-(3-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-bromo-7-(cyclopentylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-bromo-7-(cyclohexylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-bromo-7-(cycloheptylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-benzyl-7-methyl-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(4-methoxybenzyl)-6-methyl-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(4-methoxybenzyl)-6-methyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-((4-methoxycyclohexyl)methyl)-6-methyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one (cis)

7-((4-methoxycyclohexyl)methyl)-6-methyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one (trans)

Cis

6-methyl-7-((4-methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

Trans

6-methyl-7-((4-methylcyclohexyl)methyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

Cis-7-((4-methoxycyclohexyl)methyl)-6-methyl-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

Trans-7-((4-methoxycyclohexyl)methyl)-6-methyl-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

Cis-6-methyl-7-((4-methylcyclohexyl)methyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

Trans-6-methyl-7-((4-methylcyclohexyl)methyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-([1,1'-biphenyl]-4-ylmethyl)-7-(cyclohexylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-6-(3-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclohexylmethyl)-6-(3-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclopentylmethyl)-6-(3-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cycloheptylmethyl)-6-(4-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-benzyl-7-(cycloheptylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6,7-bis(3-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclohexylmethyl)-6-(3-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclopentylmethyl)-6-(3-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-6-(4-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclohexylmethyl)-6-(4-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclopentylmethyl)-6-(4-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cycloheptylmethyl)-6-(2-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cycloheptylmethyl)-6-(4-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclohexylmethyl)-6-(4-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclopentylmethyl)-6-(4-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclohexylmethyl)-6-(2-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(cyclopentylmethyl)-6-(2-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-benzyl-7-(cyclopentylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-benzyl-7-(cyclohexylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-6-(4-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-6-(2-methylbenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-benzyl-7-(4-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

(R)-7-(3-fluorobenzyl)-3-propyl-6-(tetrahydrofuran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one
(S)-7-(3-fluorobenzyl)-3-propyl-6-(tetrahydrofuran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-6-methyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-6-ethyl-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-benzyl-7-(3-fluorobenzyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one
(R)-7-(3-fluorobenzyl)-3-propyl-5-(tetrahydrofuran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one
(S)-7-(3-fluorobenzyl)-3-propyl-5-(tetrahydrofuran-3-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-3-propyl-5-methyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

7-(3-fluorobenzyl)-3-propyl-5-ethyl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

5-bromo-7-(3-fluorobenzyl)-3-propyl-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

6-([1,1'-biphenyl]-4-ylmethyl)-7-(cyclohexylmethyl)-3-(tetrahydro-2H-pyran-4-yl)-[1,2,4]triazolo[4,3-a]pyrazin-8(7H)-one

and pharmaceutically acceptable salts thereof.

2. A compound of claim 1 for use as a medicine.

3. A pharmaceutical composition comprising a therapeutically effective amount of a compound of claim 1 and one or more pharmaceutically acceptable carriers, diluents and excipients.

4. The pharmaceutical composition of claim 3 for use in the treatment of a disease selected from the group consisting of attention-deficit/hyperactivity disorder (ADHD), schizophrenia, cognitive impairment, depression, Parkinson’s disease and Alzheimers disease.

5. Use of a compound of claim 1 in the manufacture of a medicament for the treatment of a neurodegenerative disorder, such as Alzheimer's Disease, Parkinson's Disease and Huntington's Disease; or for the treatment of a psychiatric disorder such as Attention Deficit hyperactivity Disorder (ADHD),

schizophrenia, depression, narcolepsy, cognitive impairment and cognitive impairment associated with schizophrenia (CIAS); or a brain disease like restless leg syndrome.

6. Use of the pharmaceutical composition of claim 3 in the manufacture of a medicament for the treatment of a disease selected from the group consisting of attention-deficit/hyperactivity disorder (ADHD), schizophrenia, cognitive impairment, depression, Parkinson’s disease and Alzheimer’s disease.