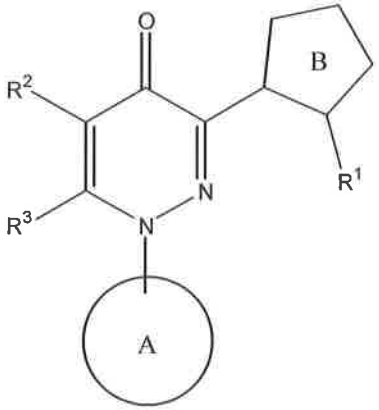
Claims

What Is Claimed Is:

[Claim 1]

A compound of formula (I):



wherein

~~R^1 represents~~

~~a substituent,~~

~~R^2 represents~~

~~a hydrogen atom, or a substituent,~~

~~R^3 represents~~

~~a hydrogen atom, or a substituent,~~

~~Ring A represents~~

~~an aromatic ring which can be substituted, and~~

~~Ring B represents~~

~~a 5-membered heteroaromatic ring which can be substituted;~~

R^1 represents

a phenyl group which can be substituted by 1 to 5 substituents selected from a halogen atom, a C_{1-10} alkyl group, and a C_{1-10} alkoxy group,

R^2 represents

a C_{1-10} alkoxy group which can be substituted by one or more substituents selected from a halogen atom, a C_{1-10} alkoxy group, and a C_{3-7} cycloalkyl group,

R^3 represents

a hydrogen atom, or a C_{1-10} alkoxy group,

Ring A represents

a benzene ring which can be substituted by 1 to 5 substituents selected from

(1) a halogen atom,

(2) a C_{1-10} alkyl group which can be substituted by 1 to 3 halogen atoms,

(3) a C_{1-10} alkoxy group which can be substituted by 1 to 3 halogen atoms,

(4) a C_{3-7} cycloalkyl group,

(5) a halogeno C_{1-10} alkylsulfonyloxy group,

(6) a C_{3-7} cycloalkyl - C_{2-6} alkynyl group, and

(7) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by 1 to 4 substituents selected from a halogen atom, a hydroxy group, an oxo group, a C_{1-10} alkoxy-carbonyl group, a C_{1-10} alkoxy group which can be substituted by halogen, and a C_{1-10} alkyl group which can be substituted by halogen, and

Ring B represents

a pyrazole ring which can be further substituted with 1 to 3 substituents selected from a halogen atom, and a C_{1-10} alkyl group which can be substituted by halogen,

~~provided that the following compounds:~~

~~1-(2-chlorophenyl)-6-methyl-3-{5-thioxo-4-[3-(trifluoromethyl)phenyl]-4,5-dihydro-1H-1,2,4-triazol-3-yl}pyridazin-4(1H)-one,~~

~~1-(4-chlorophenyl)-3-[4-(2-fluorophenyl)-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-3-yl]-6-methylpyridazin-4(1H)-one,~~

~~1-(4-chlorophenyl)-6-methyl-3-{5-thioxo-4-[3-(trifluoromethyl)phenyl]-4,5-dihydro-1H-1,2,4-triazol-3-yl}pyridazin-4(1H)-one,~~

~~1-(4-chlorophenyl)-3-[4-(2-fluorophenyl)-5-(methylsulfanyl)-4H-1,2,4-triazol-3-yl]-6-methylpyridazin-4(1H)-one,~~

~~1-(4-chlorophenyl)-6-methyl-3-{5-(methylsulfanyl)-4-[3-(trifluoromethyl)phenyl]-4H-1,2,4-triazol-3-yl}pyridazin-4(1H)-one,~~

~~1-(2-chlorophenyl)-6-methyl-3-{5-(methylsulfanyl)-4-[3-(trifluoromethyl)phenyl]-4H-1,2,4-triazol-3-yl}pyridazin-4(1H)-one,~~

~~3-(3,5-dimethyl-1H-pyrazol-1-yl)-1-phenylpyridazin-4(1H)-one,~~

~~1-(4-chlorophenyl)-3-{1-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]-1H-pyrazol-5-yl}pyridazin-4(1H)-one,~~

~~3-[1-(2-fluorophenyl)-1H-pyrazol-5-yl]-1-[3-(trifluoromethyl)phenyl]pyridazin-4(1H)-one,~~

~~3-[1-(3-chlorophenyl)-1H-pyrazol-5-yl]-1-[3-(trifluoromethyl)phenyl]pyridazin-4(1H)-one,~~

~~3-[1-(4-methoxyphenyl)-1H-pyrazol-5-yl]-1-[3-(trifluoromethyl)phenyl]pyridazin-4(1H)-one,~~

~~3-(1-phenyl-1H-pyrazol-5-yl)-1-[3-(trifluoromethyl)phenyl]pyridazin-4(1H)-one,~~

~~3-[1-(3-nitrophenyl)-1H-pyrazol-5-yl]-1-[3-(trifluoromethyl)phenyl]pyridazin-4(1H)-one,~~

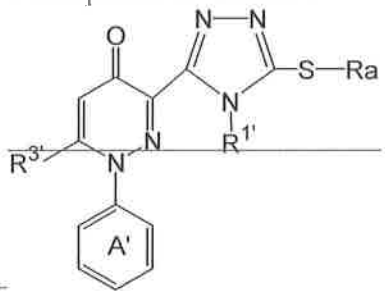
~~3-[1-(1,1-dioxidotetrahydrothiophen-3-yl)-1H-pyrazol-5-yl]-1-[3-(trifluoromethyl)phenyl]pyridazin-4(1H)-one,~~

~~3-[1-(4-methylphenyl)-1H-pyrazol-5-yl]-1-phenylpyridazin-4(1H)-one,~~

~~3-[1-(4-chlorophenyl)-1H-pyrazol-5-yl]-1-phenylpyridazin-4(1H)-one,~~

~~3-(4-ethyl-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-3-yl)-1-(4-methylphenyl)pyridazin-4(1H)-one,~~

~~a compound of formula:~~



~~wherein~~

~~Ring A' is a benzene ring which can be substituted by one substituent selected from a halogen atom, and an alkyl group,~~

~~$R^{1'}$ is~~

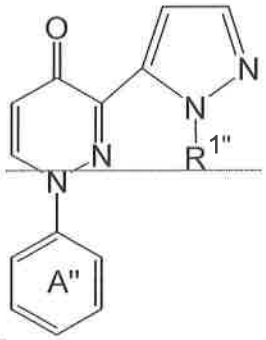
~~(1) an ethyl group, or~~

~~(2) a phenyl group which can be substituted by one or more substituents selected from a fluorine atom, and a trifluoromethyl group,~~

~~$R^{3'}$ is a hydrogen atom, or a methyl group, and~~

~~Ra is a hydrogen atom, or a C_{1-4} acyclic hydrocarbon group which can be substituted,~~

~~a compound of formula:~~



~~wherein~~

~~Ring A'' is a benzene ring which can be substituted by halogen, and~~

~~$R^{1''}$ is an acyl group~~

~~are excluded;~~

or a salt thereof.

~~**[Claim 2]**~~

~~The compound according to claim 1, wherein~~

~~R^2 represents~~

~~a halogen atom, a hydroxy group, a C_{1-10} alkyl group which can be substituted, or a C_{1-10} alkoxy group which can be substituted.~~

~~**[Claim 3]**~~

~~The compound according to claim 2, wherein~~

~~R^2 represents~~

~~a C_{1-10} alkoxy group which can be substituted by one or more substituents selected from a halogen atom, a C_{1-10} alkoxy group, and a C_{3-7} cycloalkyl group.~~

[Claim <u>2</u>4]

The compound <u>or salt</u> according to claim <u>1</u>~~2~~, wherein

R^2 represents

a C_{1-10} alkoxy group.

~~**[Claim 5]**~~

~~The compound according to claim 2, wherein~~

~~R^1 represents~~

~~a phenyl group which can be substituted by 1 to 5 substituents selected from a halogen atom, a C_{1-10} alkyl group which can be substituted, and a C_{1-10} alkoxy group which can be substituted.~~

~~**[Claim 6]**~~

~~The compound according to claim 2, wherein~~

~~R^1 represents~~

~~a phenyl group which can be substituted by 1 to 5 substituents selected from a halogen atom, a C_{1-10} alkyl group, and a C_{1-10} alkoxy group.~~

[Claim 3~~7~~]

The compound or salt according to claim 1~~2~~, wherein

R^1 represents

a phenyl group which can be substituted by 1 to 5 halogen atoms.

~~**[Claim 8]**~~

~~The compound according to claim 2, wherein~~

~~R^3 represents~~

~~a hydrogen atom, or a C_{1-10} alkoxy group which can be substituted.~~

~~**[Claim 9]**~~

~~The compound according to claim 2, wherein~~

~~R^3 represents~~

~~a hydrogen atom, or a C_{1-10} alkoxy group.~~

[Claim 4~~10~~]

The compound or salt according to claim 1~~2~~, wherein

R^3 represents

a hydrogen atom.

~~**[Claim 11]**~~

~~The compound according to claim 2, wherein~~

~~Ring A represents~~

~~a benzene ring which can be substituted by 1 to 5 substituents selected from~~

~~(1) a halogen atom,~~

~~(2) a C_{1-10} alkyl group which can be substituted,~~

~~(3) a C_{1-10} alkoxy group which can be substituted,~~

~~(4) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted,~~

~~(5) a C_{1-10} alkylsulfonyl group which can be substituted,~~

~~(6) a C_{3-7} cycloalkyl group which can be substituted,~~

~~(7) a cyano group,~~

~~(8) a carbamoyl group which can be substituted,~~

~~(9) a C_{1-10} alkylsulfonyloxy group which can be substituted,~~

~~(10) a C_{3-7} cycloalkyl–C_{2-6} alkynyl group which can be substituted,~~

~~(11) a tetrahydropyranyl group which can be substituted,~~

~~(12) a dihydropyranyl group which can be substituted,~~

~~(13) a mono-(C_{1-10} alkyl-carbonyl)-amino group which can be substituted,~~

~~(14) a C_{1-10} alkoxy-carbonyl group which can be substituted,~~

~~(15) a C_{1-10} alkylsulfinyl group which can be substituted, and~~

~~(16) a C_{1-10} alkylsulfanyl group which can be substituted.~~

~~**[Claim 12]**~~

~~The compound according to claim 2, wherein~~

~~Ring A represents~~

~~a benzene ring which can be substituted by 1 to 5 substituents selected from~~

~~(1) a halogen atom,~~

~~(2) a C_{1-10} alkyl group which can be substituted,~~

~~(3) a C_{1-10} alkoxy group which can be substituted,~~

~~(4) a C_{3-7} cycloalkyl group,~~

~~(5) a halogeno C_{1-10} alkylsulfonyloxy group,~~

~~(6) a C_{3-7} cycloalkyl - C_{2-6} alkynyl group, and~~

~~(7) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by one or more substituents selected from a halogen atom, a hydroxy group, an oxo group, a C_{1-10} alkoxy-carbonyl group, a C_{1-10} alkoxy group which can be substituted, and a C_{1-10} alkyl group which can be substituted.~~

~~**[Claim 13]**~~

~~The compound according to claim 2, wherein~~

~~Ring A represents~~

~~a benzene ring which can be substituted by 1 to 5 substituents selected from~~

~~(1) a halogen atom,~~

~~(2) a C_{1-10} alkyl group which can be substituted by 1 to 3 halogen atoms,~~

~~(3) a C_{1-10} alkoxy group which can be substituted by 1 to 3 halogen atoms,~~

~~(4) a C_{3-7} cycloalkyl group,~~

~~(5) a halogeno C_{1-10} alkylsulfonyloxy group,~~

~~(6) a C_{3-7} cycloalkyl - C_{2-6} alkynyl group, and~~

~~(7) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by 1 to 4 substituents selected from a halogen atom, a hydroxy group, an oxo group, a C_{1-10} alkoxy-carbonyl group, a C_{1-10} alkoxy group which can be substituted by halogen, and a C_{1-10} alkyl group which can be substituted by halogen.~~

[Claim 5~~14~~]

The compound or salt according to claim 1~~2~~, wherein

Ring A represents

a benzene ring which is substituted with

(1) (i)1 or 2 halogen atoms, or (ii) one C_{1-10} alkoxy group, and

(2) one 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by 1 to 4 substituents selected from a halogen atom, a hydroxy group, an oxo group, a C_{1-10} alkoxy-carbonyl group, a C_{1-10} alkoxy group which can be substituted by halogen, and a C_{1-10} alkyl group which can be substituted by halogen.

[Claim 6~~15~~]

The compound or salt according to claim 5~~14~~, wherein

the 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms represents

a morpholino group, a pyrrolyl group, a dihydropyrrolyl group, a pyrazolyl group, a dihydropyrazolyl group, a piperidyl group, an azetidinyl group, a pyrrolidinyl group, an oxazolidinyl group, an imidazolyl group or an imidazolidinyl group.

~~**[Claim 16]**~~

~~The compound according to claim 2, wherein~~

~~Ring B represents~~

~~an imidazole ring, a pyrazole ring, a triazole ring or a tetrazole ring, each of which can be further substituted with 1 to 3 substituents selected from a halogen atom, and a C_{1-10} alkyl group which can be substituted by halogen.~~

~~**[Claim 17]**~~

~~The compound according to claim 2, wherein~~

~~Ring B represents~~

~~a pyrazole ring which can be further substituted with 1 to 3 substituents selected from a halogen atom, and a C_{1-10} alkyl group which can be substituted by halogen.~~

[Claim 7~~18~~]

The compound or salt according to claim 1~~2~~, wherein

Ring B represents

a pyrazole ring.

~~[Claim 19]~~

~~The compound according to claim 2, wherein~~

~~R^1 represents~~

~~a phenyl group which can be substituted by 1 to 5 substituents selected from a halogen atom, a C_{1-10} alkyl group which can be substituted, and a C_{1-10} alkoxy group which can be substituted,~~

~~R^2 represents~~

~~a halogen atom, a hydroxy group, a C_{1-10} alkyl group which can be substituted, or a C_{1-10} alkoxy group which can be substituted,~~

~~R^3 represents~~

~~a hydrogen atom, or a C_{1-10} alkoxy group which can be substituted,~~

~~Ring A represents~~

~~a benzene ring which can be substituted by 1 to 5 substituents selected from~~

~~(1) a halogen atom,~~

~~(2) a C_{1-10} alkyl group which can be substituted,~~

~~(3) a C_{1-10} alkoxy group which can be substituted,~~

~~(4) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted,~~

~~(5) a C_{1-10} alkylsulfonyl group which can be substituted,~~

~~(6) a C_{3-7} cycloalkyl group which can be substituted,~~

~~(7) a cyano group,~~

~~(8) a carbamoyl group which can be substituted,~~

~~(9) a C_{1-10} alkylsulfonyloxy group which can be substituted,~~

~~(10) a C_{3-7} cycloalkyl–C_{2-6} alkynyl group which can be substituted,~~

~~(11) a tetrahydropyranyl group which can be substituted,~~

~~(12) a dihydropyranyl group which can be substituted,~~

~~(13) a mono (C_{1-10} alkyl-carbonyl)-amino group which can be substituted,~~

(14) a C_{1-10} alkoxy-carbonyl group which can be substituted,

(15) a C_{1-10} alkylsulfinyl group which can be substituted, and

(16) a C_{1-10} alkylsulfanyl group which can be substituted, and

Ring B represents

an imidazole ring, a pyrazole ring, a triazole ring or a tetrazole ring, each of which can be further substituted with 1 to 3 substituents selected from a halogen atom, and a C_{1-10} alkyl group which can be substituted by halogen.

[Claim 20]

The compound according to claim 19, wherein.

Ring A represents

a benzene ring which can be substituted by 1 to 5 substituents selected from

(1) a halogen atom,

(2) a C_{1-10} alkyl group which can be substituted,

(3) a C_{1-10} alkoxy group which can be substituted,

(4) a C_{3-7} cycloalkyl group,

(5) a halogeno C_{1-10} alkylsulfonyloxy group,

(6) a C_{3-7} cycloalkyl - C_{2-6} alkynyl group, and

(7) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by one or more substituents selected from a halogen atom, a hydroxy group, an oxo group, a C_{1-10} alkoxy-carbonyl group, a C_{1-10} alkoxy group which can be substituted, and a C_{1-10} alkyl group which can be substituted.

[Claim 21]

The compound according to claim 2, wherein

R^1 represents

a phenyl group which can be substituted by 1 to 5 substituents selected from a halogen atom, a C_{1-10} alkyl group, and a C_{1-10} alkoxy group,

~~R^2 represents~~

~~a C_{1-10} alkoxy group which can be substituted by one or more substituents selected from a halogen atom, a C_{1-10} alkoxy group, and a C_{3-7} cycloalkyl group,~~

~~R^3 represents~~

~~a hydrogen atom, or a C_{1-10} alkoxy group,~~

~~Ring A represents~~

~~a benzene ring which can be substituted by 1 to 5 substituents selected from~~

~~(1) a halogen atom,~~

~~(2) a C_{1-10} alkyl group which can be substituted by 1 to 3 halogen atoms,~~

~~(3) a C_{1-10} alkoxy group which can be substituted by 1 to 3 halogen atoms,~~

~~(4) a C_{3-7} cycloalkyl group,~~

~~(5) a halogeno C_{1-10} alkylsulfonyloxy group,~~

~~(6) a C_{3-7} cycloalkyl - C_{2-6} alkynyl group, and~~

~~(7) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by 1 to 4 substituents selected from a halogen atom, a hydroxy group, an oxo group, a C_{1-10} alkoxy-carbonyl group, a C_{1-10} alkoxy group which can be substituted by halogen, and a C_{1-10} alkyl group which can be substituted by halogen,~~

~~Ring B represents~~

~~a pyrazole ring which can be further substituted with 1 to 3 substituents selected from a halogen atom, and a C_{1-10} alkyl group which can be substituted by halogen.~~

[Claim 8~~22~~]

The compound or salt according to claim 1~~2~~, wherein

R^1 represents

a phenyl group which can be substituted by 1 to 5 halogen atoms,

R^2 represents

a C_{1-10} alkoxy group,

R^3 represents

a hydrogen atom,

Ring A represents

a benzene ring which is substituted with

(1) (i)1 or 2 halogen atoms, or (ii)one $C_{1\text{-}10}$ alkoxy group, and

(2) one 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by 1 to 4 substituents selected from a halogen atom, a hydroxy group, an oxo group, a $C_{1\text{-}10}$ alkoxy-carbonyl group, a $C_{1\text{-}10}$ alkoxy group which can be substituted by halogen, and a $C_{1\text{-}10}$ alkyl group which can be substituted by halogen,

Ring B represents

a pyrazole ring.

[Claim 9~~23~~]

The compound or salt according to claim 8~~22~~, wherein

the 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms represents

a morpholino group, a pyrrolyl group, a dihydropyrrolyl group, a pyrazolyl group, a dihydropyrazolyl group, a piperidyl group, an azetidinyl group, a pyrrolidinyl group, an oxazolidinyl group, an imidazolyl group or an imidazolidinyl group.

~~**[Claim 24]**~~

~~The compound according to claim 1, wherein~~

~~R^1 represents~~

~~an aromatic group which can be substituted,~~

~~Ring A represents~~

~~an aromatic ring which is substituted with~~

~~(a) one substituent selected from~~

~~(1) a $C_{3\text{-}7}$ cycloalkyl group which can be substituted, and~~

~~(2) a 4- to 6-membered heterocyclic group containing 1 to 5 heteroatoms selected from a nitrogen atom, a sulfur atom, and an oxygen atom which can be substituted, and~~

~~(b) one or more further substituents.~~

~~**[Claim 25]**~~

~~The compound according to claim 24, wherein~~

~~R^1 represents~~

~~a phenyl group which can be substituted,~~

~~R^2 represents~~

~~a hydrogen atom, a halogen atom, a hydroxy group, a C_{1-10} alkyl group which can be substituted, or a C_{1-10} alkoxy group which can be substituted,~~

~~R^3 represents~~

~~a hydrogen atom, or a C_{1-10} alkoxy group which can be substituted,~~

~~Ring A represents~~

~~a benzene ring which~~

~~is substituted with one substituent selected from~~

~~(1) a C_{3-7} cycloalkyl group which can be substituted,~~

~~(2) a dihydropyranyl group which can be substituted,~~

~~(3) a tetrahydropyranyl group which can be substituted, and~~

~~(4) a 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted,~~

~~and can be substituted by further substituents, and~~

~~Ring B represents~~

~~an imidazole ring, a pyrazole ring, a triazole ring, a tetrazole ring, an isoxazole ring, an 1,3-oxazole ring, a furan ring, or a thiophene ring, each of which can be substituted.~~

~~**[Claim 26]**~~

~~The compound according to claim 25, wherein~~

~~the 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms represents~~

~~a morpholino group, a pyrrolyl group, a dihydropyrrolyl group, a pyrazolyl group, a dihydropyrazolyl group, a piperidyl group, an azetidinyl group, a pyrrolidinyl group, an oxazolidinyl group, an imidazolyl group, an imidazolidinyl group, an isoxazolyl group, a pyridyl group, a piperazinyl group, or a thiazolyl group.~~

~~**[Claim 27]**~~

~~The compound according to claim 24, wherein~~

~~the further substituents are 1 to 4 substituents selected from~~

~~(1) a halogen atom,~~

~~(2) an oxo group,~~

~~(3) a hydroxy group,~~

~~(4) a C_{1-10} alkyl group which can be substituted,~~

~~(5) a C_{1-10} alkoxy group which can be substituted,~~

~~(6) a C_{1-10} alkylsulfonyl group,~~

~~(7) a morpholin-4-yl sulfonyl group,~~

~~(8) a cyano group,~~

~~(9) a carbamoyl group,~~

~~(10) a halogeno C_{1-10} alkylsulfonyloxy group,~~

~~(11) a C_{3-7} cycloalkyl - C_{2-6} alkynyl group,~~

~~(12) a di-C_{1-10} alkyl-amino group,~~

~~(13) a mono-(C_{1-10} alkyl-carbonyl)-amino group,~~

~~(14) a C_{1-10} alkoxy-carbonyl group,~~

~~(15) a phenoxy group,~~

~~(16) a C_{1-10} alkylsulfinyl group,~~

~~(17) a benzimidazole-2-yloxy group, and~~

~~(18) a benzimidazole-2-yl sulfonyl group.~~

[Claim 10~~28~~]

The compound or salt according to claim 1~~2~~4, wherein

R^1 represents

a phenyl group which can be substituted by 1 to 5 halogen atoms,

R^2 represents

~~a hydrogen atom or~~ a C_{1-10} alkoxy group,

R^3 represents

a hydrogen atom,

Ring A represents

a benzene ring,

which is substituted with one 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms which can be substituted by 1 to 4 substituents selected from a halogen atom, a hydroxy group, an oxo group, halogeno C_{1-10} alkoxy group, a C_{1-10} alkoxy-carbonyl, and a C_{1-10} alkyl group which can be substituted by halogen,

and which can be further substituted with 1 or 2 substituents selected from a halogen atom and a C_{1-10} alkoxy group, and

Ring B represents

a pyrazole ring.

[Claim 11~~29~~]

The compound or salt according to claim 10~~28~~, wherein

the 4- to 6-membered heterocyclic group containing 0 or 1 oxygen atom, and 1 to 3 nitrogen atoms as heteroatoms represents

a morpholino group, a pyrrolyl group, a dihydropyrrolyl group, a pyrazolyl group, a dihydropyrazolyl group, a piperidyl group, an azetidinyl group, a pyrrolidinyl group, an oxazolidinyl group, an imidazolyl group or an imidazolidinyl group.

[Claim 12~~30~~]

The compound according to claim 1, which is

1-[2-fluoro-4-(3,3,4,4-tetrafluoropyrrolidin-1-yl)phenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 13~~31~~]

The compound according to claim 1, which is

1-[2-fluoro-4-(2-oxopyrrolidin-1-yl)phenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 14~~32~~]

The compound according to claim 1, which is

1-[4-(3,4-difluoro-1H-pyrrol-1-yl)-2-fluorophenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 15~~33~~]

The compound according to claim 1, which is

1-[2-fluoro-4-(1H-pyrazol-1-yl)phenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 16~~34~~]

The compound according to claim 1, which is

1-[4-(4-chloro-1H-pyrazol-1-yl)-2-fluorophenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 17~~35~~]

The compound according to claim 1, which is

1-[2-fluoro-4-(2-oxo-1,3-oxazolidin-3-yl)phenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 18~~36~~]

The compound according to claim 1, which is

3-[1-(2-fluorophenyl)-1H-pyrazol-5-yl]-1-[2-fluoro-4-(1H-pyrazol-1-yl)phenyl]-5-methoxypyridazin-4(1H)-one, or a salt thereof.

[Claim 19~~37~~]

The compound according to claim 1, which is

3-[1-(3-chlorophenyl)-1H-pyrazol-5-yl]-1-[2-fluoro-4-(1H-pyrazol-1-yl)phenyl]-5-methoxypyridazin-4(1H)-one, or a salt thereof.

[Claim 20~~38~~]

The compound according to claim 1, which is

1-[4-(4,4-dimethyl-2-oxopyrrolidin-1-yl)-2-fluorophenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 2139]

The compound according to claim 1, which is

1-[4-(5,5-dimethyl-2-oxo-1,3-oxazolidin-3-yl)-2-fluorophenyl]-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

[Claim 2240]

The compound according to claim 1, which is

5-methoxy-1-[2-methoxy-4-(1H-pyrazol-1-yl)phenyl]-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one, or a salt thereof.

~~**[Claim 41]**~~

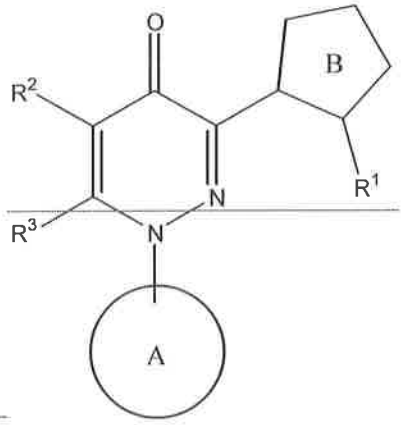
~~A prodrug of the compound according to Claim 1.~~

[Claim 2342]

A medicament comprising the compound or salt according to Claim 1 ~~or a prodrug thereof~~.

~~**[Claim 43]**~~

~~A medicament comprising a compound of formula (I_0):~~



~~wherein~~

~~R^1 represents~~

~~a substituent,~~

~~R^2 represents~~

~~a hydrogen atom, or a substituent,~~

~~R^3 represents~~

~~a hydrogen atom, or a substituent,~~

~~Ring A represents~~

~~an aromatic ring which can be substituted, and~~

~~Ring B represents~~

~~a 5-membered heteroaromatic ring which can be substituted,~~

~~or a salt thereof, or a prodrug thereof.~~

[Claim 2444]

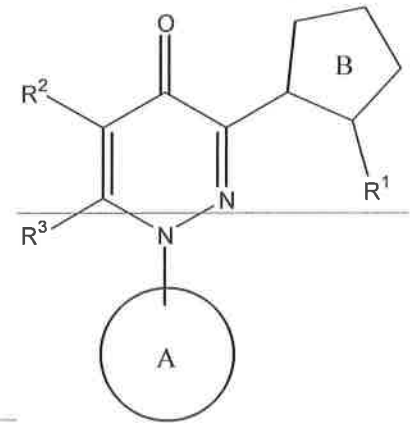
The medicament according to claim 2343 which is an agent for inhibiting phosphodiesterase 10A.

[Claim 2545]

The medicament according to claim 2343 which is for preventing or treating schizophrenia, autism, Alzheimer's disease, bipolar disorder, Parkinson's disease, Huntington's disease, obesity, drug addiction or attention deficit/hyperactivity disorder.

~~**[Claim 46]**~~

~~A method of preventing or treating schizophrenia comprising administrating an effective amount of a compound of formula (I_0):~~



~~wherein~~

~~R^1 represents~~

~~a substituent,~~

~~R^2 represents~~

~~a hydrogen atom, or a substituent,~~

~~R^3 represents~~

~~a hydrogen atom, or a substituent,~~

~~Ring A represents~~

~~an aromatic ring which can be substituted, and~~

~~Ring B represents~~

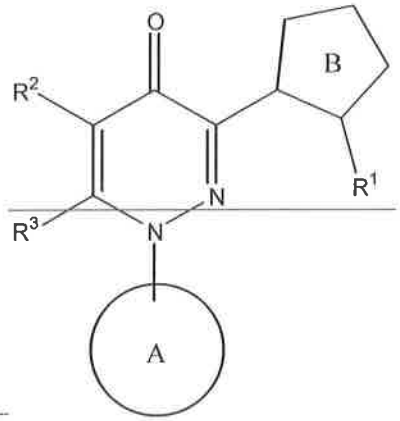
~~a 5-membered heteroaromatic ring which can be substituted,~~

~~or a salt thereof, or a prodrug thereof~~

~~to a mammal.~~

[Claim 26~~47~~]

~~Use of a~~ A compound or salt according to claim 1~~of formula (I_0):~~



~~wherein~~

~~R^1 represents~~

~~a substituent,~~

~~R^2 represents~~

~~a hydrogen atom, or a substituent,~~

~~R^3 represents~~

~~a hydrogen atom, or a substituent,~~

~~Ring A represents~~

~~an aromatic ring which can be substituted, and~~

~~Ring B represents~~

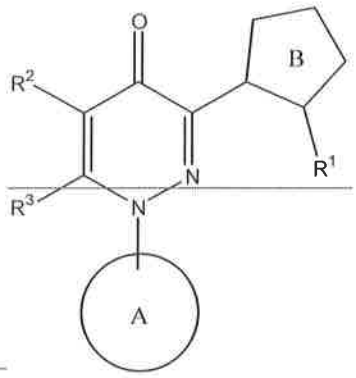
~~a 5-membered heteroaromatic ring which can be substituted,~~

~~or a salt thereof, or a prodrug thereof~~

for use as a medicament.

[Claim 27~~48~~]

Use of a compound or salt according to claim 1~~of formula (I_0):~~



~~wherein~~

~~R^1 represents~~

~~a substituent,~~

~~R^2 represents~~

~~a hydrogen atom, or a substituent,~~

~~R^3 represents~~

~~a hydrogen atom, or a substituent,~~

~~Ring A represents~~

~~an aromatic ring which can be substituted, and~~

~~Ring B represents~~

~~a 5-membered heteroaromatic ring which can be substituted,~~

~~or a salt thereof, or a prodrug thereof~~

in the manufacture of a medicament for preventing or treating schizophrenia, autism, Alzheimer's disease, bipolar disorder, Parkinson's disease, Huntington's disease, obesity, drug addiction or attention deficit/hyperactivity disorder.