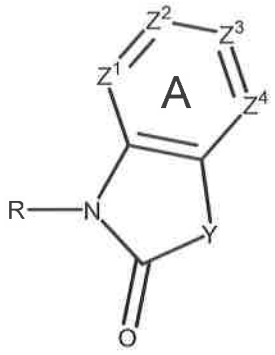
## CLAIMS

1. A compound represented by the formula (I):



(I)

wherein

ring A represents an optionally substituted 6-membered ring, any one or two of from $Z^1$ to $Z^4$ represent -N=, and the others represent -CH=;

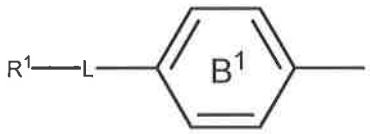
the nitrogen atom of -N= for $Z^1$ to $Z^4$ may be oxidized;

Y represents an oxygen atom, a sulfur atom, an optionally substituted methylene group or $-NR^c-$;

$R^c$ represents a hydrogen atom, or a substituent; and

R represents

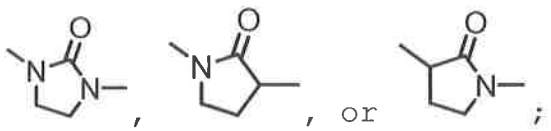
(1) a group represented by the formula:



wherein

$R^1$ represents a phenyl group or 5- to 10-membered heterocyclic group, each of which is optionally substituted;

L represents a sulfur atom, an oxygen atom, an optionally substituted methylene group, -CO-, $-NR^a-$, $-CH_2O-$, $-OCH_2-$, $-NR^aCOO-$, $-OCONR^a-$, $-NR^aCONR^b-$, $-NR^aCOCH_2-$, $-CH_2CONR^a-$, $-NR^aCO-$, $-CONR^a-$,

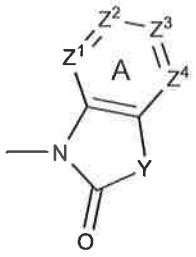


$R^a$ and $R^b$ are the same or different and each represents a hydrogen atom, or an optionally substituted $C_{1-6}$ alkyl group, or L and $R^1$ in combination optionally form an optionally

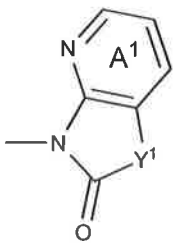
substituted bi- or tri-cyclic fused heterocyclic group; and

substituted bi- or tri-cyclic fused heterocyclic group, or a salt thereof.

5. The compound according to claim 3, wherein the partial structure of formula (I):

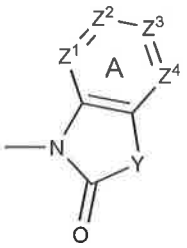


is a group represented by the formula:



wherein each symbol is as defined in claim 3, or a salt thereof.

6. The compound according to claim 3, wherein the partial structure of ~~formula of~~ formula (I):



is a group represented by the formula:

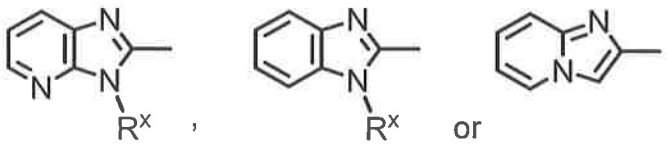
provided that when one of $R^{3a}$ and $R^{3b}$ is a hydrogen atom, the other is not a hydrogen atom

or a salt thereof.

8. The compound according to claim 1, wherein ring $B^1$ is an optionally substituted benzene ring, or a salt thereof.

9. The compound according to claim 1, wherein $R^1$ is a 5- to 10-membered heterocyclic group which may be substituted, or a salt thereof.

10. The compound according~~accoridng~~ to claim 9, wherein the 5- to 10-membered heterocyclic group which may be substituted is a group represented by the formula:



wherein $R^x$ represents a hydrogen atom or an optionally substituted $C_{1-6}$ alkyl group,

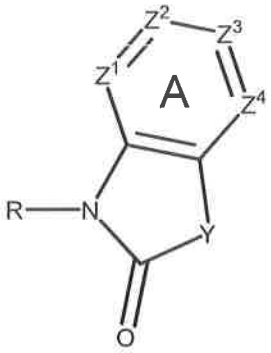
or a salt thereof.

11. 1-Ethyl-6-methyl-3-{4-[(3-methyl-3H-imidazo[4,5-b]pyridin-2-yl)oxy]phenyl}-1,3-dihydro-2H-imidazo[4,5-b]pyridin-2-one, or a salt thereof.

12. 1-Ethyl-6-methoxy-3-{4-[(3-methyl-3H-imidazo[4,5-b]pyridin-2-yl)oxy]phenyl}-1,3-dihydro-2H-imidazo[4,5-b]pyridin-2-one, or a salt thereof.

13. 1-Ethyl-7-methyl-3-{4-[(3-methyl-3H-imidazo[4,5-b]pyridin-2-yl)oxy]phenyl}-1,3-dihydro-2H-imidazo[4,5-b]pyridin-2-one, or a salt thereof.

21. Use of a compound represented by the formula (I):




(I)

wherein

ring A represents an optionally substituted 6-membered ring,

any one or two of from $Z^1$ to $Z^4$ represent -N=, and the others represent -CH=;

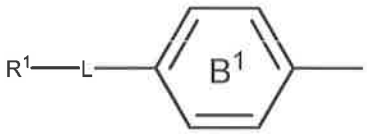
the nitrogen atom of -N= for $Z^1$ to $Z^4$ may be oxidized;

Y represents an oxygen atom, a sulfur atom, an optionally substituted methylene group or $-NR^c-$;

$R^c$ represents a hydrogen atom, or a substituent; and

R represents

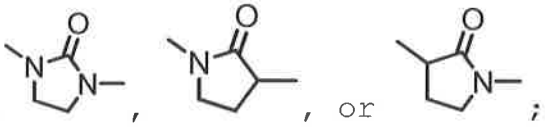
(1) a group represented by the formula:



wherein

$R^1$ represents a phenyl group or 5- to 10-membered heterocyclic group, each of which is optionally substituted;

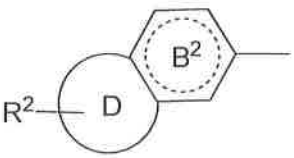
L represents a sulfur atom, an oxygen atom, an optionally substituted methylene group, -CO-, $-NR^a-$, $-CH_2O-$, $-OCH_2-$, $-NR^aCOO-$, $-OCONR^a-$, $-NR^aCONR^b-$, $-NR^aCOCH_2-$, $-CH_2CONR^a-$, $-NR^aCO-$, $-CONR^a-$,



$R^a$ and $R^b$ are the same or different and each represents a hydrogen atom, or an optionally substituted $C_{1-6}$ alkyl group, or L and $R^1$ in combination optionally form an optionally substituted bi- or tri-cyclic fused heterocyclic group; and

ring $B^1$ represents a benzene ring, a pyridine ring, a pyrimidine ring, a pyrazine ring or a pyridazine ring, each of which is optionally substituted; or

(2) a group represented by the formula:



wherein

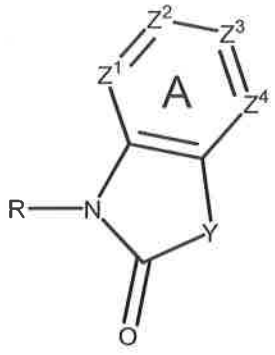
$R^2$ represents a phenyl group or 5- to 10-membered heterocyclic group, each of which is optionally substituted;

ring $B^2$ represents a benzene ring, a pyridine ring, a pyrimidine ring, a pyrazine ring or a pyridazine ring, each of which is optionally substituted; and

ring D represents an optionally further substituted 5- or 6-membered ring, or a salt thereof for the production of an agent for preventing or treating schizophrenia, autism, Alzheimer's disease, bipolar disorders, Parkinson's disease,

Huntington's disease, obesity, drug addiction or attention deficit/hyperactivity disorder.

22. A compound represented by the formula (I):




(I)

wherein

ring A represents an optionally substituted 6-membered ring, any one or two of from $Z^1$ to $Z^4$ represent -N=, and the others represent -CH=;

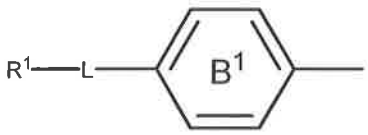
the nitrogen atom of -N= for $Z^1$ to $Z^4$ may be oxidized;

Y represents an oxygen atom, a sulfur atom, an optionally substituted methylene group or $-NR^c-$;

$R^c$ represents a hydrogen atom, or a substituent; and

R represents

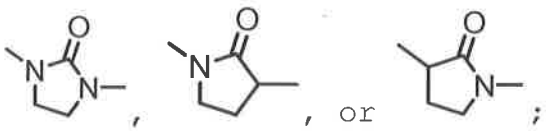
(1) a group represented by the formula:




wherein

$R^1$ represents a phenyl group or 5- to 10-membered heterocyclic group, each of which is optionally substituted;

L represents a sulfur atom, an oxygen atom, an optionally substituted methylene group, -CO-, $-NR^a-$, $-CH_2O-$, $-OCH_2-$, $-NR^aCOO-$, $-OCONR^a-$, $-NR^aCONR^b-$, $-NR^aCOCH_2-$, $-CH_2CONR^a-$, $-NR^aCO-$, $-CONR^a-$,

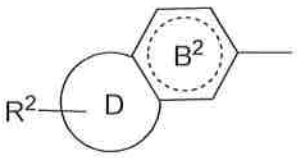



, , or ;

$R^a$ and $R^b$ are the same or different and each represents a

hydrogen atom, or an optionally substituted $C_{1-6}$ alkyl group, or L and $R^1$ in combination optionally form an optionally substituted bi- or tri-cyclic fused heterocyclic group; and ring $B^1$ represents a benzene ring, a pyridine ring, a pyrimidine ring, a pyrazine ring or a pyridazine ring, each of which is optionally substituted; or

(2) a group represented by the formula:




wherein

$R^2$ represents a phenyl group or 5- to 10-membered heterocyclic group, each of which is optionally substituted;

ring $B^2$ represents a benzene ring, a pyridine ring, a pyrimidine ring, a pyrazine ring or a pyridazine ring, each of which is optionally substituted; and

ring D represents an optionally further substituted 5- or 6-membered ring, or a salt thereof for use in prevention or treatment of schizophrenia, autism, Alzheimer's disease, bipolar disorders, Parkinson's disease, Huntington's disease, obesity, drug addiction or attention deficit/hyperactivity disorder.