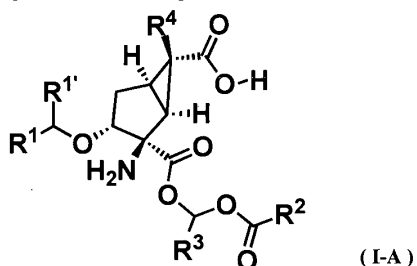


[Formula 1]



R¹ represents a C₁₋₆ alkyl group, a heteroaryl group (the heteroaryl group is optionally substituted by one halogen atom) or the following formula (IIIA):

$$\text{R}^x \text{---} \text{C}_6\text{H}_4 \text{---} \text{R}^y \quad (\text{III A})$$

R² represents a C₃₋₆ alkyl group (the C₃₋₆ alkyl group is

optionally substituted by one amino group), a C₃₋₈ cycloalkyl group (the C₃₋₈ cycloalkyl group is optionally substituted by one to three C₁₋₆ alkyl groups), a C₃₋₈ cycloalkoxy group (the C₃₋₈ cycloalkoxy group is optionally substituted by one to three C₁₋₆ alkyl groups and the C₃₋₈ cycloalkoxy group optionally has a C₁₋₅ alkylene group crosslinking two different carbon atoms in the ring), an adamantyl group (the adamantyl group is optionally substituted by one to three C₁₋₆ alkyl groups) or a phenyl group,

R³ represents a hydrogen atom or a C₁₋₆ alkyl group, and

R⁴ represents a hydrogen atom or a fluorine atom,

or a pharmaceutically acceptable salt thereof.

[Claim 2] The compound according to claim 1, wherein R⁴ is a fluorine atom, or a pharmaceutically acceptable salt thereof.

[Claim 3] The compound according to claim 2, wherein R² is a C₃₋₆ alkyl group, a C₃₋₈ cycloalkyl group (the C₃₋₈ cycloalkyl group is optionally substituted by one to three C₁₋₆ alkyl groups), a C₃₋₈ cycloalkoxy group (the C₃₋₈ cycloalkoxy group is optionally substituted by one to three C₁₋₆ alkyl groups and the C₃₋₈ cycloalkoxy group optionally has a C₁₋₅ alkylene group crosslinking two different carbon atoms in the ring), an adamantyl group (the adamantyl group is optionally substituted by one to three C₁₋₆ alkyl groups) or a phenyl group, or a pharmaceutically acceptable salt thereof.

[Claim 4] The compound according to claim 2 or 3, wherein

R¹ is an ethyl group, a 4-fluorophenyl group, a 3,4-

difluorophenyl group, a 4-fluoro-3-methoxyphenyl group, a 4-(trifluoromethyl)phenyl group, a 3-fluorophenyl group, a 4-methylphenyl group, a 6-chloropyridin-2-yl group, a 6-chloropyridin-3-yl group, a 5-chloropyridin-2-yl group or a 2-methylpropyl group,

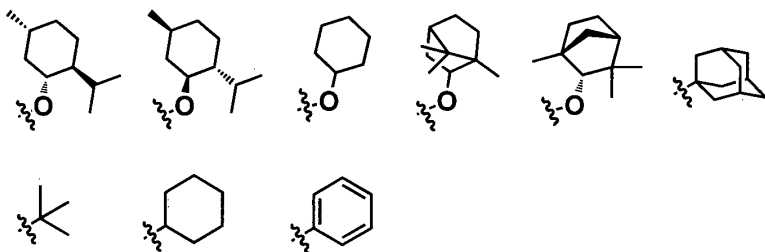
R^{1'} represents a hydrogen atom or a methyl group,

or R¹ and R^{1'} optionally form a cyclopentane together with the carbon atom adjacent thereto,

R² represents any structure of the following formula group

(IIIB):

[Formula 3]



(IIIB)

and

R³ is a hydrogen atom or a C₁₋₆ alkyl group, or a pharmaceutically acceptable salt thereof.

[Claim 5] The compound according to claim 1, wherein R⁴ is a hydrogen atom, or a pharmaceutically acceptable salt thereof.

[Claim 6] The compound according to claim 5, wherein R¹ is an ethyl group, a 4-fluorophenyl group, a 3,4-difluorophenyl group, a 4-fluoro-3-methoxyphenyl group, a 4-(trifluoromethyl)phenyl group, a 3-fluorophenyl group, a 4-methylphenyl group, a 6-chloropyridin-2-yl group, a 6-chloropyridin-3-yl group, a 5-chloropyridin-2-yl group or a 2-

methylpropyl,

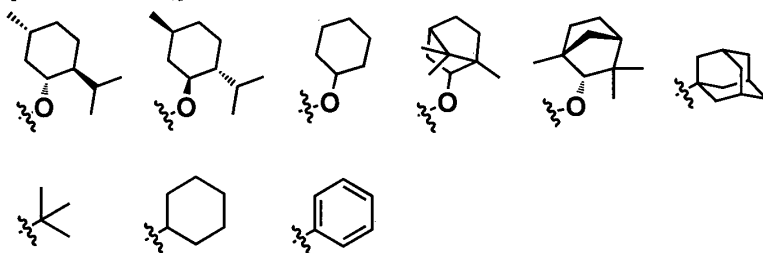
R^{1'} represents a hydrogen atom or a methyl group,

or R¹ and R^{1'} optionally form a cyclopentane together with the carbon atom adjacent thereto,

R² represents any structure of the following formula group

(IIIB):

[Formula 4]



(IIIB)

and

R³ is a hydrogen atom or a C₁₋₆ alkyl group, or a pharmaceutically acceptable salt thereof.

[Claim 7] The compound according to claim 5 or 6, wherein R¹ is a 4-fluorophenyl group or a 3,4-difluorophenyl group, or a pharmaceutically acceptable salt thereof.

[Claim 8] The compound according to any one of claims 5 to 7, wherein

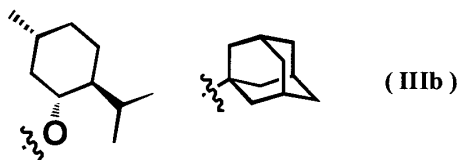
R¹ is a 4-fluorophenyl group,

R^{1'} is a hydrogen atom, and

R² represents any structure of the following formula group

(IIIB):

[Formula 5]



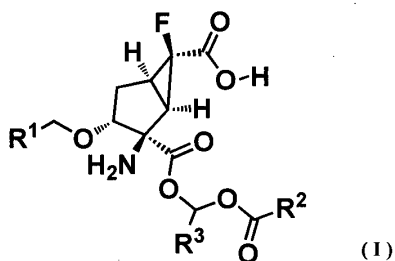
(IIIB)

or a pharmaceutically acceptable salt thereof.

[Claim 9] The compound according to any one of claims 5 to 8, wherein R³ is a methyl group, or a pharmaceutically acceptable salt thereof.

[Claim 10] A compound represented by formula (I):

[Formula 6]



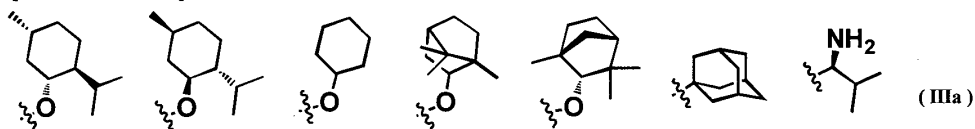
wherein

R¹ represents an ethyl group, a 4-fluorophenyl group or a 3,4-difluorophenyl group,

R² represents any structure of the following formula group

(IIIa):

[Formula 7]



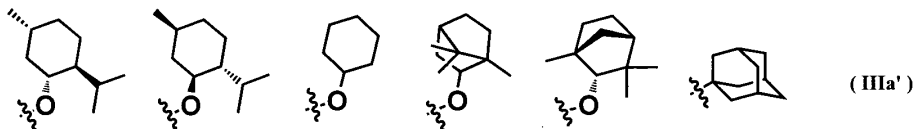
and

R³ represents a hydrogen atom or a C₁₋₆ alkyl group, or a pharmaceutically acceptable salt thereof.

[Claim 11] The compound according to claim 10, wherein R² represents any structure of the following formula group

(IIIa'):

[Formula 8]

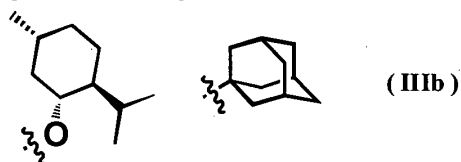


or a pharmaceutically acceptable salt thereof.

[Claim 12] The compound according to claim 10, wherein R² represents any structure of the following formula group

(IIIb):

[Formula 9]



or a pharmaceutically acceptable salt thereof.

[Claim 13] The compound according to any one of claims 10 to 12, wherein R³ is a methyl group, or a pharmaceutically acceptable salt thereof.

[Claim 14] The compound according to claim 1, wherein the compound is any of the following compounds:

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-fluorophenyl)methoxy]-2-([(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy]carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-fluorophenyl)methoxy]-2-([(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]methoxy]carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(3,4-difluorophenyl)methoxy]-6-fluoro-2-([(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-

carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(3,4-difluorophenyl)methoxy]-6-fluoro-2-([[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]methoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-2-((1R)-1-([[(1R,2S,5R)-5-methyl-2-(propan-2-yl)cyclohexyl]oxy}carbonyl)oxy]ethoxy}carbonyl)-3-propoxybicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-2-((1S)-1-([[(1S,2R,5S)-5-methyl-2-(propan-2-yl)cyclohexyl]oxy}carbonyl)oxy]ethoxy}carbonyl)-3-propoxybicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-fluorophenyl)methoxy]-2-((1-([[(1S,2R,4S)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-yl]oxy}carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-propoxy-2-((1-([[(1S,2R,4S)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-yl]oxy}carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-fluorophenyl)methoxy]-2-((1-([[(1R,2S,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-yl]oxy}carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-2-((1S)-1-([[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)-3-

{[4-(trifluoromethyl)phenyl]methoxy}bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(3-fluorophenyl)methoxy]-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(6-chloropyridin-2-yl)methoxy]-6-fluoro-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(1R)-1-(4-fluoro-3-methoxyphenyl)ethoxy]-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(5-chloropyridin-2-yl)methoxy]-6-fluoro-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(6-chloropyridin-3-yl)methoxy]-6-fluoro-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-methylphenyl)methoxy]-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-(3-methylbutoxy)-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-

carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-(cyclopentyloxy)-6-fluoro-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(3-fluorophenyl)methoxy]-2-((1R)-1-[(1R,2S,5R)-5-methyl-2-(propan-2-yl)cyclohexyl]oxy}carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(6-chloropyridin-2-yl)methoxy]-6-fluoro-2-((1R)-1-[(1R,2S,5R)-5-methyl-2-(propan-2-yl)cyclohexyl]oxy}carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-2-([(2,2-dimethylpropanoyl)oxy]methoxy}carbonyl)-6-fluoro-3-[(4-fluorophenyl)methoxy]bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-2-[(benzoyloxy)methoxy}carbonyl]-6-fluoro-3-[(4-fluorophenyl)methoxy]bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-2-([(cyclohexanecarbonyl)oxy]methoxy}carbonyl)-6-fluoro-3-[(4-fluorophenyl)methoxy]bicyclo[3.1.0]hexane-6-carboxylic acid,
and

(1S,2R,3R,5R,6S)-2-amino-3-[(4-fluorophenyl)methoxy]-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

or a pharmaceutically acceptable salt thereof.

[Claim 15] The compound according to claim 1, wherein the compound is any of the following compounds:

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-fluorophenyl)methoxy]-2-(((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-fluorophenyl)methoxy]-2-(((tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy)methoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(3,4-difluorophenyl)methoxy]-6-fluoro-2-(((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(3,4-difluorophenyl)methoxy]-6-fluoro-2-(((tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy)methoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-2-(((1R)-1-(((1R,2S,5R)-5-methyl-2-(propan-2-yl)cyclohexyl)oxy)carbonyl)oxy]ethoxy)carbonyl)-3-propoxybicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-2-(((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)-3-[[4-(trifluoromethyl)phenyl]methoxy]bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(3-fluorophenyl)methoxy]-

2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(6-chloropyridin-2-yl)methoxy]-6-fluoro-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(1R)-1-(4-fluoro-3-methoxyphenyl)ethoxy]-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(5-chloropyridin-2-yl)methoxy]-6-fluoro-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-[(6-chloropyridin-3-yl)methoxy]-6-fluoro-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-methylphenyl)methoxy]-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-(3-methylbutoxy)-2-((1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy)carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

(1R,2R,3R,5R,6R)-2-amino-3-(cyclopentyloxy)-6-fluoro-2-((1S)-

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1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

and

(1S,2R,3R,5R,6S)-2-amino-3-[(4-fluorophenyl)methoxy]-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

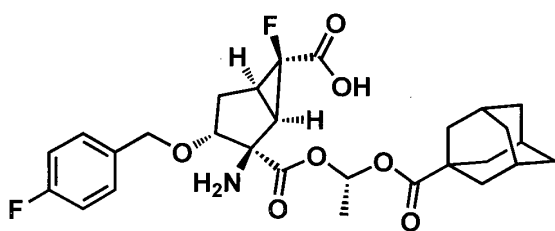
or a pharmaceutically acceptable salt thereof.

[Claim 16] The compound according to any one of claims 1 to 4 or 10 to 13, wherein the compound is the following compound:

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-3-[(4-fluorophenyl)methoxy]-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

or a pharmaceutically acceptable salt thereof.

[Formula 10]



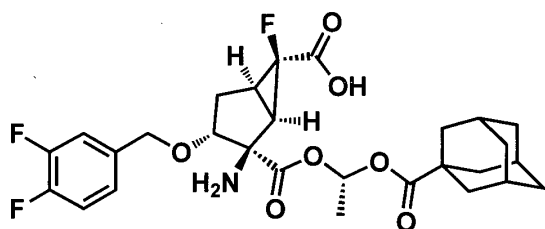
[Claim 17] The compound according to any one of claims 1 to 4 or 10 to 13, wherein the compound is the following compound:

(1R,2R,3R,5R,6R)-2-amino-3-[(3,4-difluorophenyl)methoxy]-6-fluoro-2-({(1S)-1-[(tricyclo[3.3.1.1^{3,7}]decane-1-

carbonyl)oxy]ethoxy}carbonyl)bicyclo[3.1.0]hexane-6-carboxylic acid,

or a pharmaceutically acceptable salt thereof.

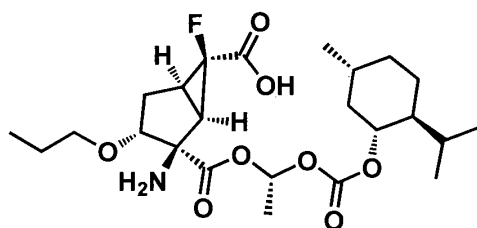
[Formula 11]



[Claim 18] The compound according to any one of claims 1 to 4 or 10 to 13, wherein the compound is the following compound:

(1R,2R,3R,5R,6R)-2-amino-6-fluoro-2-((1R)-1-(((1R,2S,5R)-5-methyl-2-(propan-2-yl)cyclohexyl)oxy}carbonyl)oxy]ethoxy}carbonyl)-3-propoxybicyclo[3.1.0]hexane-6-carboxylic acid, or a pharmaceutically acceptable salt thereof.

[Formula 12]



[Claim 19] A drug comprising the compound according to any one of claims 1 to 18 or a pharmaceutically acceptable salt thereof.

[Claim 20] An agent for prevention or treatment of a condition selected from the group consisting of mood disorders

(including depression and bipolar disorder), anxiety disorder, cognitive disorders, developmental disorders, Alzheimer's disease, Parkinson's disease, sleep disorders, Huntington's chorea, eating disorders, drug dependence, epilepsy, brain infarction, cerebral ischemia, cerebral edema, head trauma, inflammation and immune-related diseases, comprising the compound according to any one of claims 1 to 18 or a pharmaceutically acceptable salt thereof.