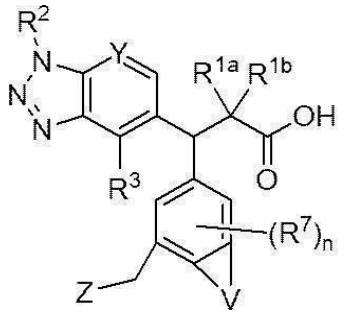
[CLAIMS]

[Claim 1]

A compound represented by the following formula (1):



(1)

wherein

R^{1a} and R^{1b} are each independently a hydrogen atom or a C_{1-6} alkyl group,

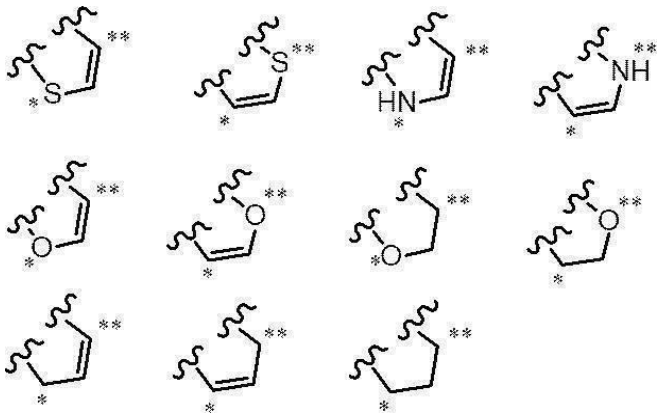
R^2 is a C_{1-6} alkyl group optionally substituted by 1 to 3 substituents selected from substituent group a,

R^3 is a hydrogen atom, a halogen atom or a C_{1-6} alkyl group,

Y is -CH-, $-CR^4-$ or a nitrogen atom,

R^4 is a hydroxy group, a halogen atom, a cyano group, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, a C_{3-6} cycloalkyl group, a C_{1-6} haloalkyl group or a C_{1-6} haloalkoxy group,

-V- is a group represented by any of the following formulas:

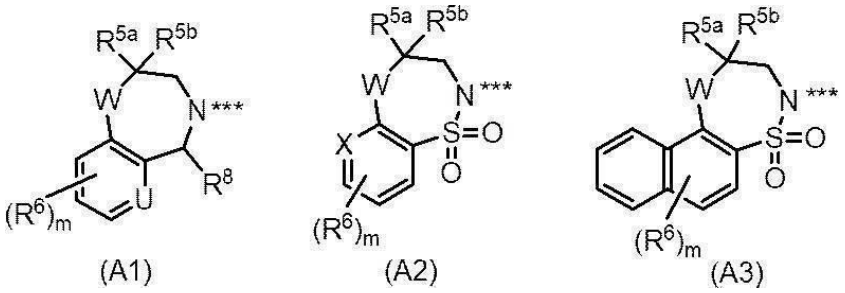


wherein * and ** are each a bonding position to a benzene ring,

R^7 in the number of n are each independently a halogen atom, a cyano group, a C_{1-6} alkyl group or a C_{1-6} alkoxy group,

n is an integer of 0 to 2, and

Z is a group represented by the following formula (A1), (A2) or (A3):



wherein

*** is the bonding position to the carbon atom to which Z is bonded,

R^8 is a C_{1-6} alkyl group optionally substituted by 1 to 3 substituents selected from substituent group a,

R^{5a} and R^{5b} are each independently a hydrogen atom, a C_{1-6} alkyl group optionally substituted by 1 to 3 substituents selected from substituent group a, or a C_{3-6} cycloalkyl group,

or R^{5a} and R^{5b} are bonded together to form, together with the carbon atom to which R^{5a} and R^{5b} are bonded, a C_{3-8} cycloalkane which is optionally substituted by 1 to 3 substituents selected from substituent group b, or a 3- to 8-membered saturated oxygen-containing heterocycle,

R^6 in the number of m are each independently a hydroxy group, a halogen atom, a cyano group, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, a C_{3-6} cycloalkyl group, a C_{1-6} haloalkyl group, a C_{1-6} haloalkoxy group, or an amino group optionally substituted by 1 or 2 C_{1-6} alkyl groups,

m is an integer of 0 to 3,

W is $-CH_2-$, $-CHR^9-$ or an oxygen atom,

R^9 is a halogen atom, a cyano group, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, a C_{3-6} cycloalkyl group, a C_{1-6} haloalkyl group or a C_{1-6} haloalkoxy group,

X is -CH-, $-CR^{10}-$ or a nitrogen atom,

R^{10} is a halogen atom, a cyano group, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, a C_{3-6} cycloalkyl group, a C_{1-6} haloalkyl group or a C_{1-6} haloalkoxy group,

U is -CH-, $-CR^{11}-$ or a nitrogen atom, and

R^{11} is a halogen atom, a cyano group, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, a C_{3-6} cycloalkyl group, a C_{1-6} haloalkyl group or a C_{1-6} haloalkoxy group,

substituent group a:

a hydroxy group,

a halogen atom,

a cyano group,

a C_{1-6} alkyl group optionally substituted by 1 to 3 substituents selected from substituent group b,

a C_{1-6} alkoxy group optionally substituted by 1 to 3 substituents selected from substituent group b,

a C_{1-6} alkylsulfonyl group optionally substituted by 1 to 3 substituents selected from substituent group b,

an amino group optionally substituted by 1 or 2 C_{1-6} alkyl groups

substituent group b:

a halogen atom,

a cyano group,

a C_{1-6} alkyl group,

a C_{1-6} alkoxy group,

or a pharmaceutically acceptable salt thereof.

[Claim 2]

The compound according to claim 1, wherein R^{1a} and R^{1b} are each independently a hydrogen atom or a methyl group, or a pharmaceutically acceptable salt thereof.

[Claim 3]

The compound according to claim 1, wherein R^2 is a C_{1-6} alkyl group, a 2-dimethylaminoethyl group, a 2,2,2-trifluoroethyl group, a 2-hydroxy-2-methylpropyl group or a 3-(methylsulfonyl)propyl group, or a pharmaceutically acceptable salt thereof.

[Claim 4]

The compound according to claim 1, wherein R^3 is a halogen

atom or a C_{1-6} alkyl group, or a pharmaceutically acceptable salt thereof.

[Claim 5]

The compound according to claim 1, wherein R^4 is a hydroxy group, a chlorine atom, a cyano group, a methyl group, a methoxy group, a cyclopropyl group, a trifluoromethyl group, a difluoromethoxy group or a trifluoromethoxy group, or a pharmaceutically acceptable salt thereof.

[Claim 6]

The compound according to claim 1, wherein -V- is a group represented by any of the following formulas:



wherein * and ** are as defined above,
or a pharmaceutically acceptable salt thereof.

[Claim 7]

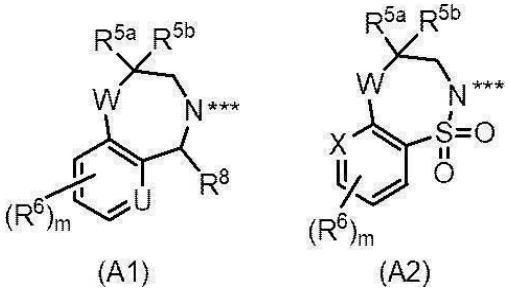
The compound according to claim 1, wherein n is 1 and R^7 is a C_{1-6} alkyl group, or a pharmaceutically acceptable salt thereof.

[Claim 8]

The compound according to claim 1 , wherein n is 0, or a pharmaceutically acceptable salt thereof.

[Claim 9]

The compound according to claim 1, wherein Z is a group represented by the following formula (A1) or (A2):



(A1) (A2)

wherein each symbol is as defined above,
or a pharmaceutically acceptable salt thereof.

[Claim 10]

The compound according to claim 9, wherein R^8 is a methyl group or an ethyl group,

or a pharmaceutically acceptable salt thereof.

[Claim 11]

The compound according to claim 9, wherein R^{5a} and R^{5b} are each independently a hydrogen atom, a methyl group, an ethyl group or a cyclopropyl group,

or R^{5a} and R^{5b} are bonded together to form cyclopropane, cyclobutane, oxetane or tetrahydropyran, or a pharmaceutically acceptable salt thereof.

[Claim 12]

The compound according to claim 9, wherein R^6 in the number of m are each independently a hydroxy group, a fluorine atom, a chlorine atom, a methyl group, an ethoxy group or a trifluoromethyl group, and

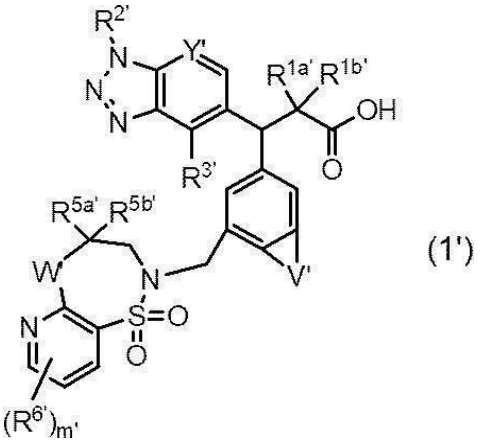
m is an integer of 0 to 2, or a pharmaceutically acceptable salt thereof.

[Claim 13]

The compound according to claim 9, wherein W is $-CH_2-$ or an oxygen atom, or a pharmaceutically acceptable salt thereof.

[Claim 14]

A compound represented by the following formula (1'):



(1')

wherein

$R^{1a'}$ and $R^{1b'}$ are each independently a hydrogen atom or a methyl group,

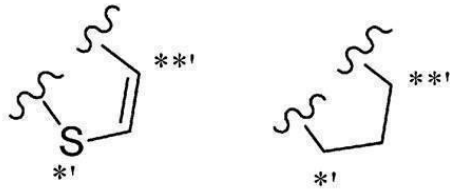
$R^{2'}$ is a methyl group,

$R^{3'}$ is a chlorine atom or a methyl group,

Y' is -CH-, $-CR^{4'}-$ or a nitrogen atom,

$R^{4'}$ is a chlorine atom, a methyl group, a cyclopropyl group, a difluoromethoxy group or a trifluoromethoxy group,

-V'- is a group represented by any of the following formulas:



wherein *' and **' are each a bonding position to a benzene ring,

$R^{5a'}$ and $R^{5b'}$ are each independently a hydrogen atom or an ethyl group, or $R^{5a'}$ and $R^{5b'}$ are bonded together to form cyclopropane,

$R^{6'}$ in the number of m' are each independently a fluorine atom or a chlorine atom,

m' is an integer of 0 to 2, and

W' is an oxygen atom,

or a pharmaceutically acceptable salt thereof.

[Claim 15]

Any compound selected from the following group or a pharmaceutically acceptable salt thereof:

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-

yl)-3-(7-cyclopropyl-1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-(7-cyclopropyl-1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)-2,2-dimethylpropanoic acid,

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(7-cyclopropyl-1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(7-cyclopropyl-1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-[1,4-dimethyl-7-(trifluoromethoxy)-1H-benzotriazol-5-yl]propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-[1,4-dimethyl-7-(trifluoromethoxy)-1H-benzotriazol-5-yl]propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-[1,4-dimethyl-7-(trifluoromethoxy)-1H-benzotriazol-5-yl]propanoic acid,

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-[7-(difluoromethoxy)-1,4-dimethyl-1H-benzotriazol-5-yl]propanoic acid,

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-

pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-[7-(difluoromethoxy)-1,4-dimethyl-1H-benzotriazol-5-yl]propanoic acid,
(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-[7-(difluoromethoxy)-1,4-dimethyl-1H-benzotriazol-5-yl]propanoic acid, and
(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-[7-(difluoromethoxy)-1,4-dimethyl-1H-benzotriazol-5-yl]propanoic acid.

[Claim 16]

Any compound selected from the following group or a pharmaceutically acceptable salt thereof:
(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,
(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid,
(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid, and
(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid.

[Claim 17]

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid or a pharmaceutically acceptable salt thereof.

[Claim 18]

(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-1-benzothiophen-

5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid or a pharmaceutically acceptable salt thereof.

[Claim 19]

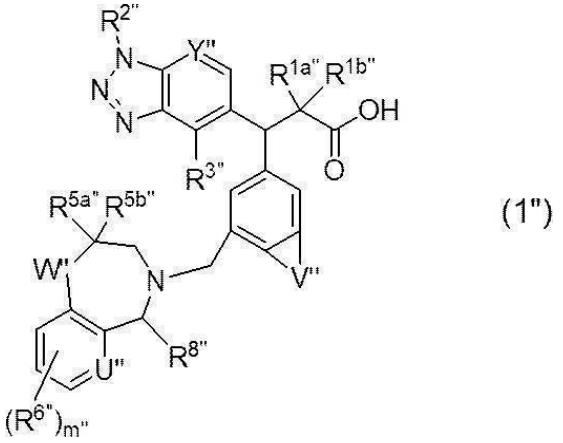
(3S)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid or a pharmaceutically acceptable salt thereof.

[Claim 20]

(3R)-3-(7-{[(4R)-8-chloro-4-ethyl-1,1-dioxido-3,4-dihydro-2H-pyrido[2,3-b][1,4,5]oxathiazepin-2-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)propanoic acid or a pharmaceutically acceptable salt thereof.

[Claim 21]

A compound represented by the following formula (1'') or a pharmaceutically acceptable salt thereof:



(1")

wherein

$R^{1a''}$ and $R^{1b''}$ are each independently a hydrogen atom or a methyl group,

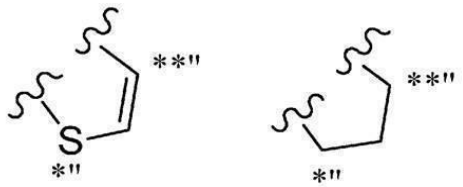
$R^{2''}$ is a methyl group,

$R^{3''}$ is a chlorine atom or a methyl group,

Y'' is -CH-, $-CR^{4''}-$ or a nitrogen atom,

$R^{4''}$ is a chlorine atom, a methyl group, a cyclopropyl group, a difluoromethoxy group or a trifluoromethoxy group,

-V''- is a group represented by any of the following formulas:



wherein *'' and **'' are each a bonding position to a benzene ring,

$R^{5a''}$ and $R^{5b''}$ are each independently a hydrogen atom or an ethyl group, or

$R^{5a''}$ and $R^{5b''}$ are bonded together to form cyclopropane,

$R^{8''}$ is a methyl group or an ethyl group,

$R^{6''}$ in the number of m'' are each independently a chlorine atom or a hydroxy group,

m'' is 0 or 1,

U'' is a nitrogen atom, and

W'' is an oxygen atom.

[Claim 22]

Any compound selected from the following group or a pharmaceutically acceptable salt thereof:

(3S)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-1-benzothiophen-5-yl)propanoic acid,

(3S)-3-(7-chloro-1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-1-benzothiophen-5-yl)propanoic acid,

(3R)-3-(7-chloro-1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-1-benzothiophen-5-yl)propanoic acid,

(3R)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-2,3-dihydro-1H-inden-5-yl)propanoic acid,

(3S)-3-(1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-2,3-dihydro-1H-inden-5-yl)propanoic acid,

(3R)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-1-benzothiophen-5-yl)-3-(1,4,7-

trimethyl-1H-benzotriazol-5-yl)propanoic acid,
(3S)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-1-benzothiophen-5-yl)-3-(1,4,7-trimethyl-1H-benzotriazol-5-yl)propanoic acid,
(3S)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-2,3-dihydro-1H-inden-5-yl)-3-(1,4,7-trimethyl-1H-benzotriazol-5-yl)propanoic acid,
(3R)-3-(7-chloro-1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-2,3-dihydro-1H-inden-5-yl)propanoic acid,
(3S)-3-(7-chloro-1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-2,3-dihydro-1H-inden-5-yl)propanoic acid,
(3S)-3-(4-chloro-1-methyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-1-benzothiophen-5-yl)propanoic acid,
(3R)-3-(4-chloro-1-methyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-1-benzothiophen-5-yl)propanoic acid, and
(3S)-3-(7-cyclopropyl-1,4-dimethyl-1H-benzotriazol-5-yl)-3-(7-{[(2R,5S)-2-ethyl-5-methyl-2,3-dihydropyrido[2,3-f][1,4]oxazepin-4(5H)-yl]methyl}-2,3-dihydro-1H-inden-5-yl)propanoic acid.

[Claim 23]

A medicament comprising the compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof as an active ingredient.

[Claim 24]

The medicament according to claim 23, for activating Nrf2.

[Claim 25]

The medicament according to claim 23, for inhibiting a protein-protein interaction between Keap1 and Nrf2.

[Claim 26]

The medicament according to claim 23, for the prophylaxis and/or treatment of an oxidative stress-related disease.

[Claim 27]

The medicament according to claim 26, wherein the oxidative stress-related disease is selected from the group consisting of renal diseases, liver diseases, respiratory diseases, dermatic diseases, cardiovascular diseases, central nervous system diseases, autoimmune diseases and ophthalmic diseases.

[Claim 28]

The medicament according to claim 23, for the prophylaxis and/or treatment of a disease selected from the group consisting of a renal disease selected from the group consisting of chronic kidney disease, acute nephritis, chronic nephritis, acute renal failure, chronic renal failure, nephrotic syndrome, IgA nephropathy, diabetic nephropathy, gouty kidney, nephrosclerosis, hydronephrosis and tubulointerstitial nephritis; a liver disease selected from the group consisting of alcoholic fatty liver, non-alcoholic steatohepatitis, hepatic fibrosis and cirrhosis; a respiratory disease selected from the group consisting of bronchitis, pneumonia, pleurisy, chronic obstructive pulmonary diseases, acute lung disorder, diffuse panbronchiolitis, interstitial pneumonia and asthma; a dermatic disease selected from the group consisting of UV and radiation skin disorder, radiation mucosal disorder, epidermolysis blister syndrome, psoriasis, atopic dermatitis and scleroderma; a cardiovascular disease selected from the group consisting of cardiac failure, myocardial infarction, arteriosclerosis and pulmonary arterial hypertension; a central nervous system disease selected from the group consisting of Alzheimer’s disease, Parkinson’s disease, Huntington’s disease, amyotrophic lateral sclerosis, cerebral infarction, polyglutamine disease and autism; a mitochondrial disease selected from the group consisting of Friedreich’s ataxia and mitochondrial myopathy; an autoimmune disease selected from the group consisting of multiple sclerosis, rheumatoid arthritis, systemic lupus erythematosus, Sjogren syndrome, type 1 diabetes, ulcerative colitis and Crohn’s disease; and an ophthalmic disease selected from the group consisting of allergic conjunctival diseases, viral conjunctivitis, pterygium, cornea infectious

disease, dry eye, corneal disorders, uveitis, Behcet's disease, diabetic retinopathy, retinal detachment, retinal vein occlusion, central serous chorioretinopathy, age-related macular degeneration, diabetic macular edema, macular disease, retinitis pigmentosa, glaucoma and cataract.

[Claim 29]

The medicament according to claim 23, for the prophylaxis and/or treatment of a disease selected from the group consisting of chronic kidney disease, non-alcoholic steatohepatitis, chronic obstructive pulmonary disease, radiation skin disorder, radiation mucosal disorder, cardiac failure, pulmonary arterial hypertension, Parkinson's disease, Friedreich's ataxia, multiple sclerosis, age-related macular degeneration, retinitis pigmentosa, and glaucoma.

[Claim 30]

The medicament according to claim 23, for the prophylaxis and/or treatment of a disease selected from the group consisting of glaucoma, age-related macular degeneration and retinitis pigmentosa.

[Claim 31]

The medicament according to claim 23, for the prophylaxis and/or treatment of a radiation skin disorder or a radiation mucosal disorder.

[Claim 32]

The medicament according to claim 23, for the prophylaxis and/or treatment of a chronic obstructive pulmonary disease.

[Claim 33]

Use of the compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof in producing a prophylactic and/or therapeutic agent for a disease selected from the group consisting of chronic kidney disease, non-alcoholic steatohepatitis, chronic obstructive pulmonary disease, radiation skin disorder, radiation mucosal disorder, cardiac failure, pulmonary arterial hypertension, Parkinson's disease, Friedreich's ataxia, multiple sclerosis, age-related macular degeneration,

retinitis pigmentosa, and glaucoma.

[Claim 34]

An Nrf2 activator comprising the compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof as an active ingredient.

[Claim 35]

An inhibitor of protein-protein interaction between Keap1 and Nrf2, comprising the compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof as an active ingredient.