

substituted by one to three groups, which may be the same or different, selected from substituent group A^F), or a 3- to 10-membered heterocyclylaminocarbonyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur (wherein the heterocyclylaminocarbonyl group is optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^E and a C1-6 halogenoalkyl group), or

the C1-6 alkyl groups of R² and R³ are optionally bonded to each other to form a 3- to 6-membered saturated carbocyclic ring or to form a 4- to 6-membered saturated heterocyclic ring via one nitrogen or oxygen atom (wherein one nitrogen atom in the 4- to 6-membered saturated heterocyclic ring is optionally substituted by a hydrogen atom, a C1-6 alkyl group, a C1-6 alkylcarbonyl group, a C1-6 alkoxy carbonyl group),

R⁴ and R⁵ are the same or different and each represent

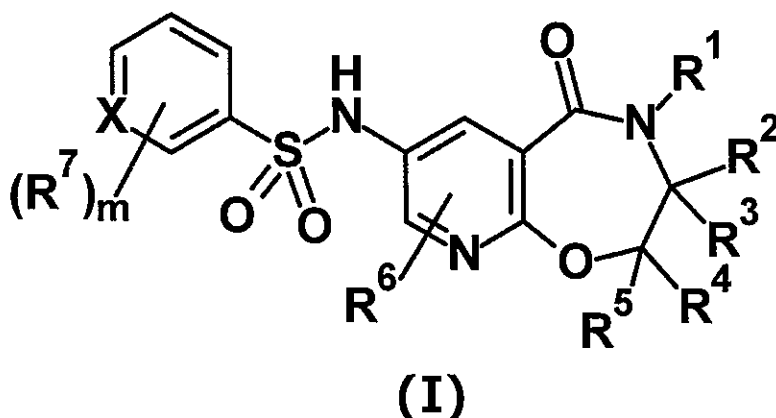
a hydrogen atom,

a C1-6 alkyl group (wherein the alkyl group is optionally substituted by one to three groups, which may be the same or different, selected from substituent group A^G),

a C6-10 aryl group (wherein the aryl group is optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^G), or

CLAIMS

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



- 5 wherein
- R^1 represents
- a hydrogen atom,
- a C1-6 alkyl group (wherein the alkyl group is optionally substituted by
- one to three groups, which may be the same or different, selected from
- 10 the following substituents:
- a hydroxy group, a C1-6 alkoxy group optionally substituted by one to
- three groups, which may be the same or different halogeno groups, an
- amino group optionally substituted by one or two groups, which may be
- the same or different C1-6 alkyl groups, a C6-10 aryl group optionally
- 15 substituted by one or two groups selected from substituent group A^B , a
- 3- to 10-membered heterocyclyl group containing one to four
- heteroatoms, which may be the same or different, selected from nitrogen,
- oxygen, and sulfur and optionally substituted by one or two groups
- selected from substituent group A^B , a carboxyl group, a C1-6

alkylcarbonyl group, a C1-6 alkoxycarbonyl group, an aminocarbonyl group optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups, a 4- to 7-membered saturated heterocyclylcarbonyl group containing one or two heteroatoms, which
5 may be the same or different, selected from nitrogen, oxygen, and sulfur, an aminocarbonyloxy group optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups, a 4- to 7-membered saturated heterocyclylcarbonyloxy group containing one or two heteroatoms, which may be the same or different, selected from
10 nitrogen, oxygen, and sulfur),
a C3-8 cycloalkyl group (wherein the cycloalkyl group is optionally substituted by one to three groups, which may be the same or different, selected from the following substituents:
a hydroxy group, a C1-6 alkoxy group optionally substituted by one to
15 three groups, which may be the same or different halogeno groups, a C3-8 cycloalkyl group optionally substituted by one to three groups, which may be the same or different halogeno groups, a C6-10 aryl group optionally substituted by one or two groups, which may be the same or different halogeno groups, a 3- to
20 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur and optionally substituted by one or two groups, which may be the same or different halogeno groups,
a carboxyl group, a C1-6 alkylcarbonyl group, a C1-6 alkoxycarbonyl
25 group, an aminocarbonyl group optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups, a 4- to

7-membered saturated heterocyclylcarbonyl group containing one or two heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur, an aminocarbonyloxy group optionally substituted by one or two groups, which may be the same or different

5 C1-6 alkyl groups, a 4- to 7-membered saturated heterocyclylcarbonyloxy group containing one or two heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur,

a halogeno group, and a cyano group),

10 a C6-10 aryl group (wherein the aryl group is optionally substituted by one or two groups, which may be the same or different, selected from the following substituents:

a hydroxy group, a C1-6 alkyl group optionally substituted by one to three groups, which may be the same or different halogeno groups, a

15 C3-8 cycloalkyl group optionally substituted by one to three groups, which may be the same or different halogeno groups, a C1-6 alkoxy group optionally substituted by one to three groups, which may be the same or different halogeno groups,

a C6-10 aryl group optionally substituted by one group selected from

20 substituent group A^B, a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur and optionally substituted by one group selected from substituent group A^B,

a carboxyl group, an amino group optionally substituted by one or two

25 groups, which may be the same or different C1-6 alkyl groups, a C1-6 alkoxycarbonyl group,

an aminocarbonyl group optionally substituted by one or two groups,
which may be the same or different C1-6 alkyl groups, a 4- to
7-membered saturated heterocyclylcarbonyl group containing one or
two heteroatoms, which may be the same or different, selected from
5 nitrogen, oxygen, and sulfur, an aminocarbonyloxy group optionally
substituted by one or two groups, which may be the same or different
C1-6 alkyl groups, a 4- to 7-membered saturated
heterocyclylcarbonyloxy group containing one or two heteroatoms,
which may be the same or different, selected from nitrogen, oxygen, and
10 sulfur,
a halogeno group, and a cyano group), or
a 3- to 10-membered heterocyclyl group containing one to four
heteroatoms, which may be the same or different, selected from nitrogen,
oxygen, and sulfur (wherein the heterocyclyl group is optionally
15 substituted by one or two groups, which may be the same or different
groups selected from the following substituents:
a hydroxy group, a C1-6 alkyl group optionally substituted by one to
three groups, which may be the same or different halogeno groups, a
C3-8 cycloalkyl group optionally substituted by one to three groups,
20 which may be the same or different halogeno groups, a C1-6 alkoxy
group optionally substituted by one to three groups, which may be the
same or different halogeno groups,
a C6-10 aryl group, a 3- to 10-membered heterocyclyl group containing
one to four heteroatoms, which may be the same or different, selected
25 from nitrogen, oxygen, and sulfur, a carboxyl group, an amino group,
an aminocarbonyl group optionally substituted by one or two groups,

which may be the same or different C1-6 alkyl groups, a 4- to
 7-membered saturated heterocyclylcarbonyl group containing one or
 two heteroatoms, which may be the same or different, selected from
 nitrogen, oxygen, and sulfur, an aminocarbonyloxy group optionally
 5 substituted by one or two groups, which may be the same or different
 C1-6 alkyl groups, a 4- to 7-membered saturated
 heterocyclylcarbonyloxy group containing one or two heteroatoms,
 which may be the same or different, selected from nitrogen, oxygen, and
 sulfur,
 10 a halogeno group, and a cyano group),
 R^2 and R^3 are the same or different and each represent
 a hydrogen atom,
 a C1-6 alkyl group (wherein the alkyl group is optionally substituted by
 one to three groups, which may be the same or different, selected from
 15 the following substituents:
 a hydroxy group, a C1-6 alkoxy group optionally substituted by one
 group selected from substituent group A^C ,
 a C3-8 cycloalkyl group optionally substituted by one group selected
 from substituent group A^B , a C6-10 aryl group optionally substituted by
 20 one or two groups selected from substituent group A^B , a 3- to
 10-membered heterocyclyl group containing one to four heteroatoms,
 which may be the same or different, selected from nitrogen, oxygen, and
 sulfur and optionally substituted by one or two groups selected from
 substituent group A^B ,
 25 a carboxyl group, a C1-6 alkylcarbonyl group, a C1-6 alkoxy carbonyl
 group, an amino group optionally substituted by one or two groups,

which may be the same or different C1-6 alkyl groups,
an aminocarbonyl group optionally substituted by one or two groups,
which may be the same or different C1-6 alkyl groups, a 4- to
7-membered saturated heterocyclylcarbonyl group containing one or
5 two heteroatoms, which may be the same or different, selected from
nitrogen, oxygen, and sulfur, an aminocarbonyloxy group optionally
substituted by one or two groups, which may be the same or different
C1-6 alkyl groups, a 4- to 7-membered saturated
heterocyclylcarbonyloxy group containing one or two heteroatoms,
10 which may be the same or different, selected from nitrogen, oxygen, and
sulfur,
a halogeno group, and a cyano group),
a C6-10 aryl group (wherein the aryl group is optionally substituted by
one or two groups, which may be the same or different, selected from
15 the following substituents:
a hydroxy group, a C1-6 alkoxy group optionally substituted by one to
three groups, which may be the same or different halogeno groups,
a C1-6 alkyl group optionally substituted by one group selected from
substituent group A^D, a C3-8 cycloalkyl group optionally substituted by
20 one group selected from substituent group A^D, a C6-10 aryl group
optionally substituted by one group selected from substituent group A^D,
a 3- to 10-membered heterocyclyl group containing one to four
heteroatoms, which may be the same or different, selected from nitrogen,
oxygen, and sulfur and optionally substituted by one group selected
25 from substituent group A^D,
an amino group optionally substituted by one or two groups, which may

be the same or different C1-6 alkyl groups,
 a carboxyl group, a C1-6 alkylcarbonyl group, a C1-6 alkoxy carbonyl
 group, an aminocarbonyl group optionally substituted by one or two
 groups, which may be the same or different C1-6 alkyl groups, a 4- to
 5 7-membered saturated heterocyclylcarbonyl group containing one or
 two heteroatoms, which may be the same or different, selected from
 nitrogen, oxygen, and sulfur, an aminocarbonyloxy group optionally
 substituted by one or two groups, which may be the same or different
 C1-6 alkyl groups, a 4- to 7-membered saturated
 10 heterocyclylcarbonyloxy group containing one or two heteroatoms,
 which may be the same or different, selected from nitrogen, oxygen, and
 sulfur,
 a halogeno group, and a cyano group),
 a 3- to 10-membered heterocyclyl group containing one to four
 15 heteroatoms, which may be the same or different, selected from nitrogen,
 oxygen, and sulfur (wherein the heterocyclyl group is optionally
 substituted by one or two groups, which may be the same or different,
 selected from the following substituents:
 a hydroxy group, a C1-6 alkoxy group optionally substituted by one to
 20 three groups, which may be the same or different halogeno groups,
 a C1-6 alkyl group optionally substituted by one group selected from
 substituent group A^D, a C3-8 cycloalkyl group optionally substituted by
 one group selected from substituent group A^D, a C6-10 aryl group
 optionally substituted by one group selected from substituent group A^D,
 25 a 3- to 10-membered heterocyclyl group containing one to four
 heteroatoms, which may be the same or different, selected from nitrogen,

oxygen, and sulfur and optionally substituted by one group selected from substituent group A^D,
an amino group optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups,
5 a carboxyl group, a C1-6 alkylcarbonyl group, a C1-6 alkoxy carbonyl group, an aminocarbonyl group optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups, a 4- to 7-membered saturated heterocyclylcarbonyl group containing one or two heteroatoms, which may be the same or different, selected from
10 nitrogen, oxygen, and sulfur, an aminocarbonyloxy group optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups, a 4- to 7-membered saturated heterocyclylcarbonyloxy group containing one or two heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and
15 sulfur,
a halogeno group, and a cyano group),
a C1-6 alkylcarbonyl group (wherein the alkylcarbonyl group is optionally substituted by one to three groups, which may be the same or different, selected from substituent group A^E),
20 a C6-10 arylcarbonyl group (wherein the arylcarbonyl group is optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^E and a C1-6 halogenoalkyl group),
a 3- to 10-membered heterocyclylcarbonyl group containing one to four
25 heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur (wherein the heterocyclylcarbonyl group is

optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^E and a C1-6 halogenoalkyl group),

a carboxyl group,

5 a C1-6 alkoxy carbonyl group (wherein the alkoxy carbonyl group is optionally substituted by one to three groups, which may be the same or different, selected from substituent group A^F),

an aminocarbonyl group (wherein the aminocarbonyl group is optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups each optionally substituted by one to three groups, which may be the same or different, selected from substituent group A^F),

10 a C6-10 arylaminocarbonyl group (wherein the arylaminocarbonyl group is optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^E and a C1-6 halogenoalkyl group),

15 a 4- to 7-membered saturated heterocyclylcarbonyl group containing one or two heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur (wherein the heterocyclylcarbonyl group is optionally substituted by one to three groups, which may be the same or different, selected from substituent group A^F), or

20 a 3- to 10-membered heterocyclylaminocarbonyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur (wherein the heterocyclylaminocarbonyl group is optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^E and a C1-6

halogenoalkyl group),

or

the C1-6 alkyl groups of R^2 and R^3 are optionally bonded to each other to form a 3- to 6-membered saturated carbocyclic ring or to form a 4- to 6-membered saturated heterocyclic ring via one nitrogen or oxygen atom (wherein one nitrogen atom in the 4- to 6-membered saturated heterocyclic ring is optionally substituted by a hydrogen atom, a C1-6 alkyl group, a C1-6 alkylcarbonyl group, a C1-6 alkoxy carbonyl group), R^4 and R^5 are the same or different and each represent

a hydrogen atom,

a C1-6 alkyl group (wherein the alkyl group is optionally substituted by one to three groups, which may be the same or different, selected from substituent group A^G),

a C6-10 aryl group (wherein the aryl group is optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^G), or

a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur (wherein the heterocyclyl group is optionally substituted by one or two groups, which may be the same or different, selected from substituent group A^G),

R^6 represents a hydrogen atom, hydroxyl group or a C1-6 alkyl group (R^6 is a carbon substituent of the pyridinyl ring, not a nitrogen substituent),

each substituent R^7 may be the same or different and may each represent a C1-6 alkyl group (wherein the alkyl group is optionally substituted by

one to three groups, which may be the same or different, selected from
substituent group A^H),
a C1-6 alkoxy group (wherein the alkoxy group is optionally substituted
by one to three groups, which may be the same or different, selected
5 from substituent group A^H),
a halogeno group,
a C6-10 aryl group (wherein the aryl group is optionally substituted by
one or two groups, which may be the same or different, selected from
substituent group A^G),
10 a 3- to 10-membered heterocyclyl group containing one to four
heteroatoms, which may be the same or different, selected from nitrogen,
oxygen, and sulfur (wherein the heterocyclyl group is optionally
substituted by one or two groups, which may be the same or different,
selected from substituent group A^G),
15 a hydroxy group,
an amino group (wherein the amino group is optionally substituted by
one or two groups, which may be the same or different C1-6 alkyl
groups each optionally substituted by one to three groups, which may be
the same or different, selected from substituent group A^J),
20 a carboxyl group,
a C1-6 alkoxycarbonyl group (wherein the alkoxycarbonyl group is
optionally substituted by one to three groups, which may be the same or
different, selected from substituent group A^J),
an aminocarbonyl group (wherein the aminocarbonyl group is
25 optionally substituted by one or two groups, which may be the same or
different C1-6 alkyl groups each optionally substituted by one to three

groups, which may be the same or different, selected from substituent group A^J), or

a cyano group,

X represents -CH=, -C(-R⁷)=, or -N=,

5 m represents an integer selected from 1 to 4, and

the substituent groups represent

A^B: a hydroxy group, a C1-6 alkyl group (wherein the alkyl group is optionally substituted by one to three halogeno groups), a C1-6 alkoxy group (wherein the alkoxy group is optionally substituted by one to
10 three halogeno groups), a halogeno group, an amino group, and a cyano group;

A^C: a C6-10 aryl group, a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur, and a halogeno group;

15 A^D: a hydroxy group, a C1-6 alkoxy group, an amino group, a halogeno group, and a cyano group;

A^E: a hydroxy group, a C1-6 alkoxy group, a C3-8 cycloalkyl group, a C6-10 aryl group, a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected
20 from nitrogen, oxygen, and sulfur, an amino group (wherein the amino group is optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups), a halogeno group, and a cyano group;

A^F: a C1-6 alkoxy group, a C3-8 cycloalkyl group, a C6-10 aryl group,
25 a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen,

oxygen, and sulfur, a halogeno group, and a cyano group;

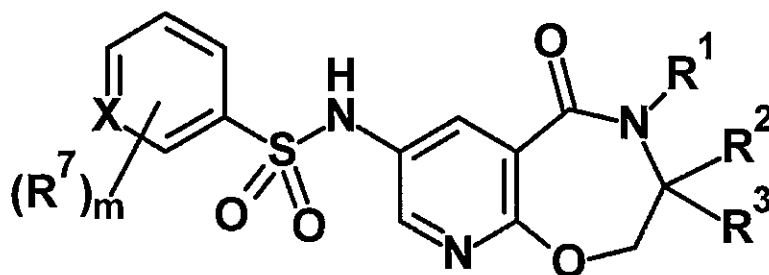
A^G: a hydroxy group, a C1-6 alkoxy group, an amino group (wherein the amino group is optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups), a halogeno group, and a cyano group;

A^H: a hydroxy group, a C1-6 alkoxy group, a C3-8 cycloalkyl group, a C6-10 aryl group, a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur, a carboxyl group, a C1-6

alkoxycarbonyl group, an aminocarbonyl group (wherein the aminocarbonyl group is optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups), an amino group (wherein the amino group is optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups), a halogeno group, and a cyano group; and

A^J: a C1-6 alkoxy group, a C3-8 cycloalkyl group, a C6-10 aryl group, a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur, a carboxyl group, a C1-6 alkoxycarbonyl group, an aminocarbonyl group (wherein the aminocarbonyl group is optionally substituted by one or two groups, which may be the same or different C1-6 alkyl groups), a halogeno group, and a cyano group, or a pharmacologically acceptable salt thereof.

2. A compound represented by formula (Ia):



(Ia)

wherein

- 5 R^1 represents a hydrogen atom, a C1-6 alkyl group (wherein the alkyl group is optionally substituted by one hydroxy group or C1-6 alkoxy group), a C6-10 aryl group, or a 3- to 10-membered heterocyclyl group containing one to four heteroatoms, which may be the same or different, selected from nitrogen, oxygen, and sulfur,
- 10 R^2 and R^3 are the same or different and each represent a hydrogen atom or a C1-6 alkyl group (wherein the alkyl group is optionally substituted by one hydroxy group), or the C1-6 alkyl groups of R^2 and R^3 are optionally bonded to each other to form a 3- to 6-membered saturated carbocyclic ring,
- 15 each substituent R^7 may be the same or different and represents a C1-6 alkoxy group (wherein the alkoxy group is optionally substituted by one to three halogeno groups) or a halogeno group, X represents $-CH=$, $-C(-R^7)=$, or $-N=$, and

m represents an integer of 1 or 2,
or a pharmacologically acceptable salt thereof.

3. The compound according to claim 2, wherein R¹ is hydrogen
5 atom.

4. The compound according to claim 2, wherein R² and R³ are the
same or different and each represent a hydrogen atom or the C1-6 alkyl
groups of R² and R³ are optionally bonded to each other to form a 3- to
10 6-membered saturated carbocyclic ring.

5. The compound according to claim 2, wherein each substituent
R⁷ may be the same or different and represents a methoxy group, ethoxy
group, trifluoromethoxy group, fluoro or chloro.

6. A compound according to Claim 1 selected from the group
consisting of:

5-chloro-2-methoxy-N-(4-methyl-5-oxo-2,3,4,5-tetrahydropyrido[3,2-f]
[1,4]oxazepin-7-yl)benzenesulfonamide;

5-fluoro-2-methoxy-N-(4-methyl-5-oxo-2,3,4,5-tetrahydropyrido[3,2-f]
1,4]oxazepin-7-yl)benzenesulfonamide;

5-chloro-N-[4-(2-hydroxyethyl)-5-oxo-2,3,4,5-tetrahydropyrido[3,2-f][1
,4]oxazepin-7-yl]-2-methoxybenzenesulfonamide;

5-fluoro-2-methoxy-N-[(3S)-3-methyl-5-oxo-2,3,4,5-tetrahydropyrido[3
,2-f][1,4]oxazepin-7-yl]benzenesulfonamide;

5-chloro-N-[(3S)-3-(hydroxymethyl)-5-oxo-2,3,4,5-tetrahydropyrido[3,

2-f][1,4]oxazepin-7-yl]-2-methoxybenzenesulfonamide;
 5-fluoro-N-[(3S)-3-(hydroxymethyl)-5-oxo-2,3,4,5-tetrahydropyrido[3,
 2-f][1,4]oxazepin-7-yl]-2-methoxybenzenesulfonamide;
 5-bromo-N-[(3S)-3-(hydroxymethyl)-5-oxo-2,3,4,5-tetrahydropyrido[3,
 2-f][1,4]oxazepin-7-yl]-2-methoxybenzenesulfonamide;
 5-chloro-N-[(3S)-3-(2-hydroxyethyl)-5-oxo-2,3,4,5-tetrahydropyrido[3,
 2-f][1,4]oxazepin-7-yl]-2-methoxybenzenesulfonamide; and
 pharmacologically acceptable salts thereof.

7. A compound according to Claim 1 selected from the group consisting of:
- 5-chloro-2-methoxy-N-(5-oxo-2,3,4,5-tetrahydropyrido[3,2-f][1,4]oxazepin-7-yl)benzenesulfonamide;
 5-chloro-N-(5-oxo-2,3,4,5-tetrahydropyrido[3,2-f][1,4]oxazepin-7-yl)-2-(trifluoromethoxy)benzenesulfonamide;
 5-chloro-N-[(3S)-3-(hydroxymethyl)-5-oxo-2,3,4,5-tetrahydropyrido[3,2-f][1,4]oxazepin-7-yl]-2-(trifluoromethoxy)benzenesulfonamide;
 5-fluoro-2-methoxy-N-(5'-oxo-4',5'-dihydrospiro[cyclopropane-1,3'-pyrido[3,2-f][1,4]oxazepin]-7'-yl)benzenesulfonamide;
 5-chloro-N-(5'-oxo-4',5'-dihydrospiro[cyclopropane-1,3'-pyrido[3,2-f][1,4]oxazepin]-7'-yl)-2-(trifluoromethoxy)benzenesulfonamide;
 5-fluoro-N-(5'-oxo-4',5'-dihydrospiro[cyclopropane-1,3'-pyrido[3,2-f][1,4]oxazepin]-7'-yl)-2-(trifluoromethoxy)benzenesulfonamide;
 2,5-dimethoxy-N-(5'-oxo-4',5'-dihydrospiro[cyclopropane-1,3'-pyrido[3,2-f][1,4]oxazepin]-7'-yl)benzenesulfonamide; and
 pharmacologically acceptable salts thereof.

8. A compound according to Claim 1, where the compound is 5-fluoro-2-methoxy-N-(5-oxo-2,3,4,5-tetrahydropyrido[3,2-f][1,4]oxazepin-7-yl)benzenesulfonamide, or a pharmacologically acceptable salt thereof.

9. A compound according to Claim 1, where the compound is 5-chloro-2-methoxy-N-(5'-oxo-4',5'-dihydrospiro[cyclopropane-1,3'-pyrido[3,2-f][1,4]oxazepin]-7'-yl)benzenesulfonamide, or a pharmacologically acceptable salt thereof.

10. A compound according to Claim 1, where the compound is 2-ethoxy-5-fluoro-N-(5'-oxo-4',5'-dihydrospiro[cyclopropane-1,3'-pyrido[3,2-f][1,4]oxazepin]-7'-yl)benzenesulfonamide, or a pharmacologically acceptable salt thereof.

11. A compound according to any one of claims 1-10, wherein the pharmacologically acceptable salt is sodium salt.

12. A compound according to any one of claims 1-10, wherein the pharmacologically acceptable salt is potassium salt.

13. A pharmaceutical composition comprising a compound according to any one of claims 1-10 or a pharmacologically acceptable salt thereof, as an active ingredient.

14. The pharmaceutical composition according to claim 13, for use in the treatment or prophylaxis of ectopic calcification, pseudoxanthoma elasticum (PXE), generalized arterial calcification of infancy (GACI), calcification of joints and arteries (CALJA), vascular calcification in
5 CKD/ESRD, calciphylaxis, ossification of posterior longitudinal ligaments (OPLL), ossification of yellow ligaments (OYLL), or aortic stenosis.

15. A TNAP inhibitor comprising a compound according to any one
10 of claims 1-10 or a pharmacologically acceptable salt thereof, as an active ingredient.

16. Use of a compound according to any one of claims 1-10 or a
15 pharmacologically acceptable salt thereof for the manufacturing a pharmaceutical composition.

17. A compound according to any one of claims 1-10 for use in the treatment of disease or condition selected from the group consisting of ectopic calcification, pseudoxanthoma elasticum (PXE), generalized
20 arterial calcification of infancy (GACI), calcification of joints and arteries (CALJA), vascular calcification in CKD/ESRD, calciphylaxis, ossification of posterior longitudinal ligaments (OPLL), ossification of yellow ligaments (OYLL), and aortic stenosis.

18. A compound according to any one of claims 1-10 for use in the
25 treatment of pseudoxanthoma elasticum (PXE).