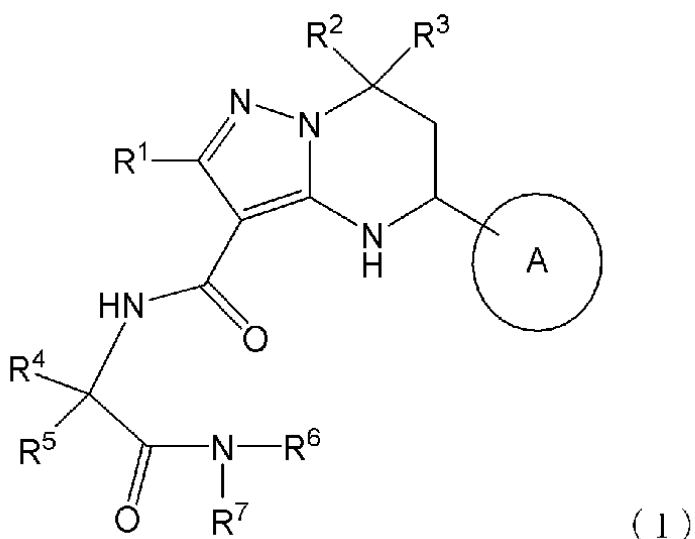


Claims

1. A compound represented by formula (I):

[Formula 1]



wherein

Ring A represents a benzene ring~~an optionally substituted C₆₋₁₄ aromatic hydrocarbon ring~~;

R¹ represents a hydrogen atom or ~~an optionally substituted~~ a C₁₋₆ alkyl group;

R² and R³ each independently represent ~~an optionally substituted~~ a C₁₋₆ alkyl group;

R⁴~~and R⁵ each independently~~ represents an optionally substituted C₆₋₁₄ aryl group ~~or optionally substituted C₁₋₆ alkyl group~~ which is optionally substituted with one to five C₁₋₆ alkyl groups;

R⁵ represents a C₁₋₆ alkyl group; ~~and~~

R⁶~~and R⁷ each independently~~ represents a hydrogen atom or a C₁₋₆ alkyl group; and

R⁷ represents a hydrogen atom or a C₁₋₆ alkyl group
which is optionally substituted with one to three
substituents selected from the group consisting of

- (a) a carbamoyl group,
- (b) a carboxy group,
- (c) a hydroxy group, and
- (d) a phenyl group,

or a salt thereof.

~~2. The compound or a salt thereof according to claim~~
~~1, wherein Ring A is a benzene ring.~~

~~3. The compound or a salt thereof according to claim~~
~~1, wherein R¹ is a hydrogen atom or a C₁₋₆ alkyl group.~~

~~4. The compound or a salt thereof according to claim~~
~~1, wherein each of R² and R³ is C₁₋₆ alkyl.~~

~~5. The compound or a salt thereof according to claim~~
~~1, wherein R⁴ is a C₆₋₁₄ aryl group which is optionally~~
~~substituted with one to five C₁₋₆ alkyl groups.~~

~~6. The compound or a salt thereof according to claim~~
~~1, wherein R⁵ is a C₁₋₆ alkyl group.~~

~~7. The compound or a salt thereof according to claim~~
~~1, wherein R⁶ is a hydrogen atom or a C₁₋₆ alkyl group.~~

~~8. The compound or a salt thereof according to claim 1, wherein R⁷ is a hydrogen atom or a C₁₋₆ alkyl group which is optionally substituted with one to three substituents selected from the group consisting of~~
~~(a) a carbamoyl group,~~
~~(b) a carboxy group,~~
~~(c) a hydroxy group, and~~
~~(d) a phenyl group.~~

~~9. The compound according to claim 1 or a salt thereof, wherein~~

~~Ring A is a benzene ring;~~

~~R¹ is a hydrogen atom or a C₁₋₆ alkyl group;~~

~~each of R² and R³ is a C₁₋₆ alkyl group;~~

~~R⁴ is a C₆₋₁₄ aryl group which is optionally substituted with one to five C₁₋₆ alkyl groups;~~

~~R⁵ is a C₁₋₆ alkyl group;~~

~~R⁶ is a hydrogen atom or a C₁₋₆ alkyl group; and~~

~~R⁷ is a hydrogen atom or a C₁₋₆ alkyl group which is optionally substituted with one to three substituents selected from the group consisting of~~

~~(a) a carbamoyl group,~~

~~(b) a carboxy group,~~

~~(c) a hydroxy group, and~~

~~(d) a phenyl group.~~

~~102~~. (5R)-N-((2R)-1-(((2S)-1-Amino-1-oxopropan-2-yl)amino)-2-(4-ethylphenyl)-1-oxobutan-2-yl)-2,7,7-trimethyl-5-phenyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrimidine-3-carboxamide or a salt thereof.

~~113~~. (5R)-N-(1-(((2S)-1-Amino-1-oxopropan-2-yl)amino)-2-(4-ethylphenyl)-1-oxobutan-2-yl)-7,7-dimethyl-5-phenyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrimidine-3-carboxamide or a salt thereof.

~~124~~. (5R)-N-(1-(((2S)-1-Amino-1-oxobutan-2-yl)amino)-2-(4-ethylphenyl)-1-oxobutan-2-yl)-7,7-dimethyl-5-phenyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrimidine-3-carboxamide or a salt thereof.

~~135~~. (5R)-N-(1-(((2S)-1-Amino-3-methyl-1-oxobutan-2-yl)amino)-2-(4-ethylphenyl)-1-oxobutan-2-yl)-7,7-dimethyl-5-phenyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrimidine-3-carboxamide or a salt thereof.

~~146~~. A medicament comprising the compound or a salt thereof according to any one of claims 1 to ~~135~~.

~~157~~. The medicament according to claim ~~146~~, wherein the medicament is a calcium-sensing receptor antagonist.

~~168~~. The medicament according to claim ~~146~~, wherein the

medicament is an agent for preventing or treating heart failure.

~~17~~9. The medicament according to claim ~~14~~6, wherein the medicament is an agent for preventing or treating pulmonary hypertension.

~~18~~10. Use of the compound or a salt thereof according to any one of claims 1 to ~~13~~5, in the manufacture of a medicament for preventing or treating heart failure.

~~19~~11. Use of the compound or a salt thereof according to any one of claims 1 to ~~13~~5, in the manufacture of a medicament for preventing or treating pulmonary hypertension.

~~20~~12. The compound or a salt thereof according to any one of claims 1 to ~~13~~5, for use in medicine.

~~21~~13. The compound or a salt thereof for use according to claim ~~20~~12, wherein the medicine is for use in preventing or treating a disease ~~with which the calcium-sensing receptor is associated~~ selected from the group consisting of heart failure, pulmonary hypertension, hyperthyroidism, hypocalcemia, osteoarthropathy and central nervous system diseases.

~~2214~~. The compound or a salt thereof for use according to claim ~~2013~~, wherein the ~~medicine is for use in preventing or treating~~ disease is heart failure.

~~2315~~. The compound or a salt thereof for use according to claim ~~2013~~, wherein the ~~medicine is for use in preventing or treating~~ disease is pulmonary hypertension.