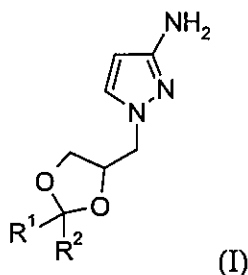


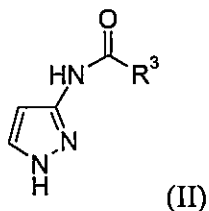
CLAIMS

1. A process for the preparation of a compound of the formula



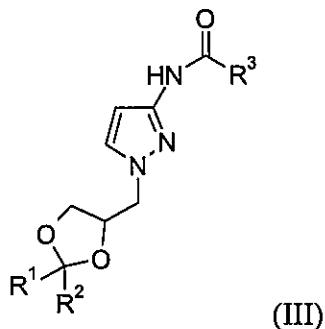
wherein R^1 and R^2 are independently selected from hydrogen, C_{1-6} alkyl, C_{3-7} cycloalkyl, C_{3-6} alkenyl, or phenyl; wherein C_{1-6} alkyl, cycloalkyl, C_{3-6} alkenyl or phenyl may optionally be substituted by halogen, hydroxyl, C_{1-6} alkoxycarbonyl, or phenyl; or R^1 and R^2 , together with the carbon to which they are attached, form a C_{3-7} cycloalkyl; comprising the following steps

a) protection of 3-aminopyrazole to form a compound of formula (II);

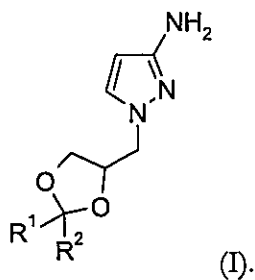


wherein R^3 is C_{1-6} alkyl, cycloalkyl or phenyl;

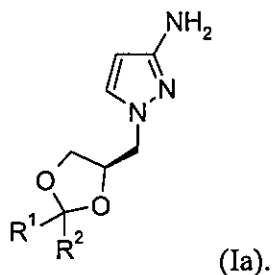
b) 1-substitution of the protected 3-aminopyrazole of the formula (II) to form a compound of formula (III);



c) hydrolysis of the protected 3-aminopyrazole of formula (III) under basic conditions to form a compound of formula (I);

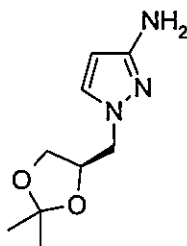


2. A The process according to claim 1, for the preparation of a compound of formula (Ia)



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3. A The process according to claim 1 or 2, wherein the compound of the formula (I) or (Ia) is 1-((R)2,2-dimethyl-[1,3]dioxolan-4-ylmethyl)-1H-pyrazol-3-ylamine.



10 4. A The process according to ~~anyone of~~ claims 1 ~~to 3~~, wherein step a) is performed with a carboxylating agent at a reaction temperature between -20 and 100-°C.

5. A The process according to claim 4, wherein the reaction is performed in a solvent selected from tetrahydrofuran, acetic acid, water, iso-propyl acetate or ethyl acetate.

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6. A The process according to claims 4 ~~or 5~~, wherein the carboxylating agent is acetic anhydride, acetyl chloride, benzoic anhydride, benzoyl chloride or pivaloyl chloride.

7. ~~A~~The process according to ~~anyone of claims 4 to 6~~, characterized in that the reaction temperature is between 40 and 80°C.

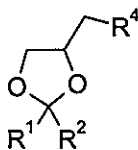
8. ~~A~~The process according to ~~anyone of claims 1 to 7~~, wherein step b) is performed with an alkylation agent in an organic solvent with a base and a lithium salt additive at temperature of 70 to 150°C.

9. ~~A~~The process according to claim 8, wherein that the solvent used in step b) is dimethylformamide, dimethylacetamide, N-methylpyrrolidinone or dimethylsulfoxide.

10. ~~A~~The process according to claim 8 ~~or 9~~, wherein the base in step b) is sodium, lithium or potassium salts of alkoxide.

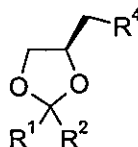
11. ~~A~~The process according to ~~anyone one of claims 8 to 10~~, wherein the lithium salt used in step b) is lithium chloride, lithium bromide or lithium iodide.

12. ~~A~~The process according to ~~anyone of claims 8 to 11~~, wherein in the alkylation agent in step b) is



wherein R¹ and R² are defined as claim 1 ~~or 3~~;
R⁴ is chloro, bromo, iodo or -O-SO₂-R⁵, wherein R⁵ is C₁₋₆alkyl, phenyl or phenyl substituted by one to three substituents independently selected from C₁₋₆alkyl, halogen or nitro.

13. ~~A~~The process according to anyone of claim 12, wherein the alkylation agent in step b) is



wherein R¹, R² and R⁴ are defined as claim 12.

14. ~~A~~ The process according to ~~anyone of claims 8 to 13~~, wherein the reaction temperature in step b) is between 90 and 110°C.

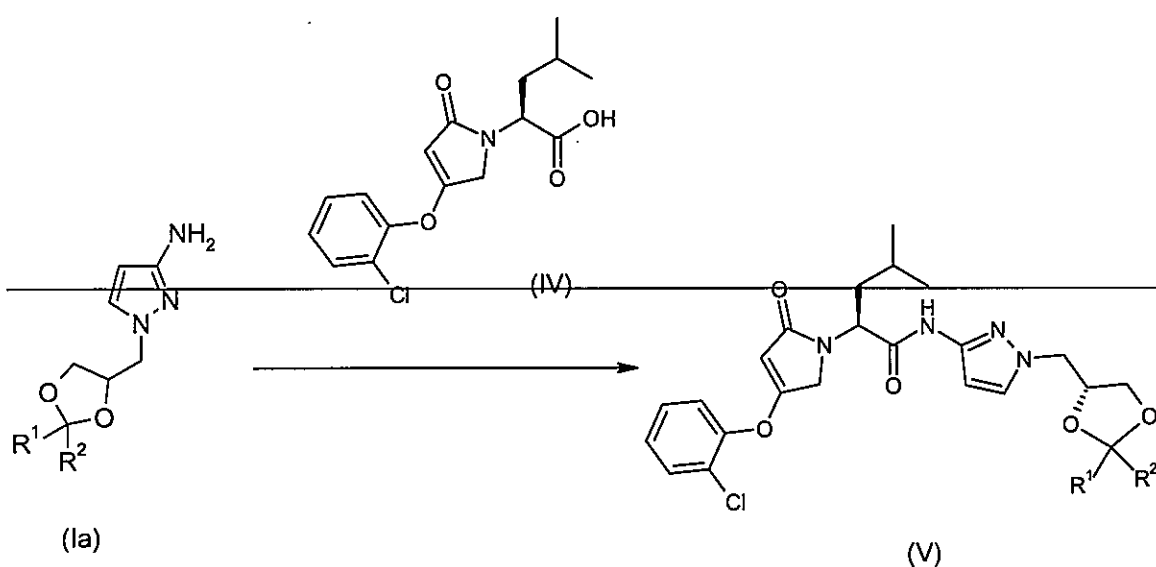
15. ~~A~~ The process according to ~~anyone of claims 1 to 12~~, wherein step c) is performed in solvent with a base at a temperature of 40 to 100°C.

16. ~~A~~ The process according to claim 15, wherein the solvent used in step c) is ~~methanol~~ methanol, ethanol or water, or a mixture thereof.

17. ~~A~~ The process according to claims 15 ~~or 16~~, wherein the base used in step c) is sodium hydroxide, lithium hydroxide or potassium hydroxide.

18. ~~A~~ The process according to ~~anyone of claims 15 to 17~~, wherein in that the reaction in step c) is performed between 60 and 80°C.

19. ~~A process according to anyone of claims 1 to 18, further comprising the following steps~~
~~— d) the reaction of a compound of formula (Ia) with a compound of formula (IV) to give a compound of formula (V)~~

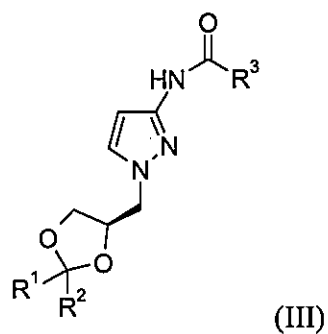


and

~~e) the deprotection of the compound of formula (V) to give (S)-2-[4-(2-chloro-phenoxy)-2-oxo-2,5-dihydro-pyrrol-1-yl]-4-methyl-pentanoic acid [1-((R)-2,3-dihydroxy-propyl)-1H-pyrazol-3-yl]-amide.~~

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2019. A compound of formula (III);



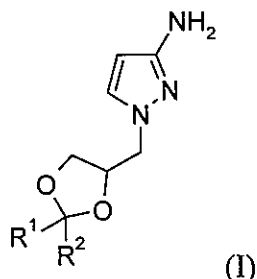
(III)

wherein R^1 is methyl, R^2 is methyl and R^3 is methyl.

10 | 21. The invention as hereinbefore described.

CLAIMS

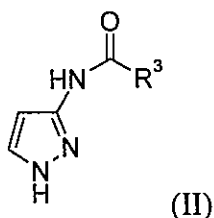
1. A process for the preparation of a compound of the formula



5 wherein R^1 and R^2 are independently selected from hydrogen, C_{1-6} alkyl, C_{3-7} cycloalkyl, C_{3-6} alkenyl, or phenyl; wherein C_{1-6} alkyl, cycloalkyl, C_{3-6} alkenyl or phenyl may optionally be substituted by halogen, hydroxyl, C_{1-6} alkoxycarbonyl, or phenyl; or

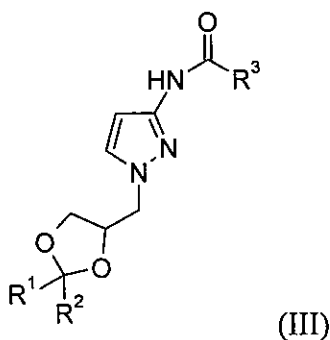
R^1 and R^2 , together with the carbon to which they are attached, form a C_{3-7} cycloalkyl; comprising the following steps

10 a) protection of 3-aminopyrazole to form a compound of formula (II);

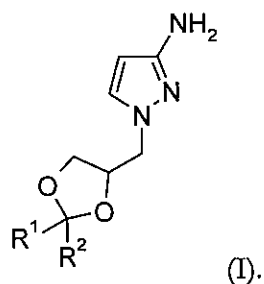


wherein R^3 is C_{1-6} alkyl, cycloalkyl or phenyl;

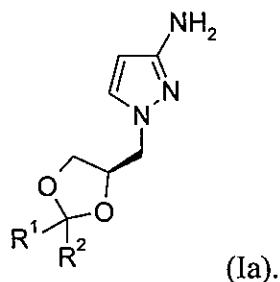
b) 1-substitution of the protected 3-aminopyrazole of the formula (II) to form a compound of formula (III);



15 c) hydrolysis of the protected 3-aminopyrazole of formula (III) under basic conditions to form a compound of formula (I);

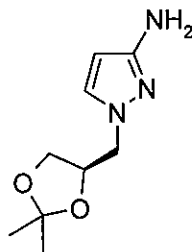


2. The process according to claim 1, for the preparation of a compound of formula (Ia)



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3. The process according to claim 1 or 2, wherein the compound of the formula (I) or (Ia) is 1-((R)2,2-dimethyl-[1,3]dioxolan-4-ylmethyl)-1H-pyrazol-3-ylamine.



10 4. The process according to claim 1, wherein step a) is performed with a carboxylating agent at a reaction temperature between 20 and 100°C.

5. The process according to claim 4, wherein the reaction is performed in a solvent selected from tetrahydrofuran, acetic acid, water, iso-propyl acetate or ethyl acetate.

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6. The process according to claim 4, wherein the carboxylating agent is acetic anhydride, acetyl chloride, benzoic anhydride, benzoyl chloride or pivaloyl chloride.

7. The process according to claim 4, characterized in that the reaction temperature is between 40 and 80°C.

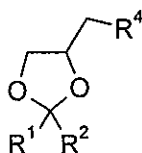
8. The process according to claim 1, wherein step b) is performed with an alkylation agent in an organic solvent with a base and a lithium salt additive at temperature of 70 to 150°C.

9. The process according to claim 8, wherein that the solvent used in step b) is dimethylformamide, dimethylacetamide, N-methylpyrrolidinone or dimethylsulfoxide.

10. The process according to claim 8, wherein the base in step b) is sodium, lithium or potassium salts of alkoxide.

11. The process according to claim 8, wherein the lithium salt used in step b) is lithium chloride, lithium bromide or lithium iodide.

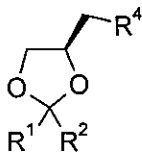
12. The process according to claim 8, wherein in the alkylation agent in step b) is



wherein R¹ and R² are defined as claim 1;

R⁴ is chloro, bromo, iodo or -O-SO₂-R⁵, wherein R⁵ is C₁₋₆ alkyl, phenyl or phenyl substituted by one to three substituents independently selected from C₁₋₆ alkyl, halogen or nitro.

13. The process according to anyone of claim 12, wherein the alkylation agent in step b) is



wherein R¹, R² and R⁴ are defined as claim 12.

14. The process according to claim 8, wherein the reaction temperature in step b) is between 90 and 110°C.

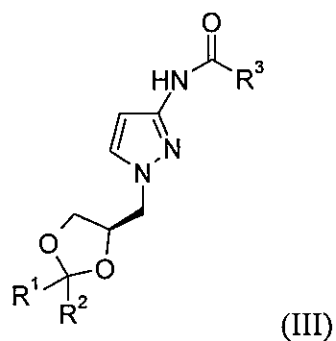
15. The process according to claim 1, wherein step c) is performed in solvent with a base at a temperature of 40 to 100°C.

16. The process according to claim 15, wherein the solvent used in step c) is methanol, ethanol or water, or a mixture thereof.

17. The process according to claim 15, wherein the base used in step c) is sodium hydroxide, lithium hydroxide or potassium hydroxide.

18. The process according to claim 15, wherein in that the reaction in step c) is performed between 60 and 80°C.

19. A compound of formula (III);



wherein R¹ is methyl, R² is methyl and R³ is methyl.