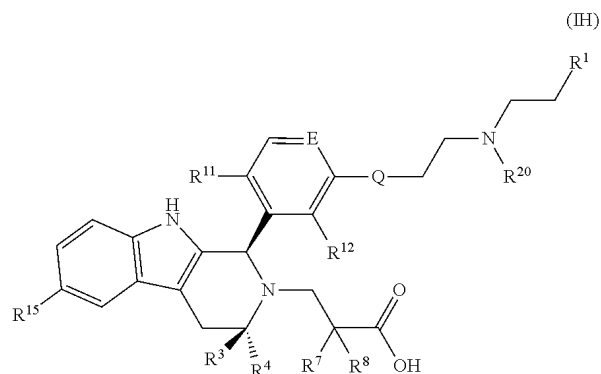


CLAIMS

1. A compound of Formula (IH):



5

wherein:

E is CH or N;

Q is O, NH or NMe;

R¹ is CH₂F or CHF₂;

10 R³ is H or Me;

R⁴ is C₁₋₃ alkyl, CHF₂ or CF₃;

R⁷ is H, Me or F;

R⁸ is H, Me or F; or

R⁷ and R⁸ taken together with the carbon atom to which they are attached form a cyclobutyl
15 ring;

R¹¹ is H, F, Cl, or OMe;

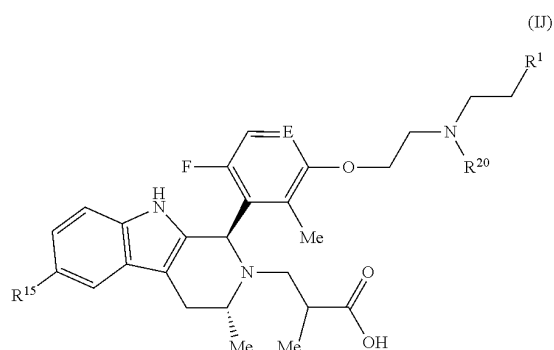
R¹² is H, F, Cl, CHF₂, or Me;

R¹⁵ is H or F; and

R²⁰ is H or Me;

20 or a pharmaceutically acceptable salt thereof.

2. The compound of Formula (IH) or a pharmaceutically acceptable salt thereof, as claimed in claim 1, wherein the compound is a compound of Formula (IJ):



wherein:

E is CH or N;

5 R¹ is CH₂F or CHF₂;

R¹⁵ is H or F; and

R²⁰ is H or Me.

3. The compound of Formula (IJ) or a pharmaceutically acceptable salt thereof, as
10 claimed in claim 2, wherein R¹⁵ is H.

4. The compound of Formula (IJ) or a pharmaceutically acceptable salt thereof, as
claimed in claim 2, wherein E is N.

15 5. The compound of Formula (IJ) or a pharmaceutically acceptable salt thereof, as
claimed in claim 2, wherein E is N and R¹ is CH₂F.

6. The compound of Formula (IH) or a pharmaceutically acceptable salt thereof, as
claimed in claim 1, wherein the compound is selected from the group consisting of:

20 (S)-3-((1R,3R)-1-(5-(2-((3-fluoropropyl)amino)ethoxy)-2-methoxyphenyl)-3-methyl-1,3,4,9-
tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

(S)-3-((1R,3R)-1-(6-chloro-2-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)phenyl)-3-methyl-
1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

- (S)-3-((1R,3R)-1-(2,6-difluoro-3-(2-((3-fluoropropyl)amino)ethoxy)phenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3R)-1-(2,6-difluoro-3-(2-((3-fluoropropyl)amino)ethoxy)phenyl)-6-fluoro-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 5 3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)propanoic acid;
- (R)-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 2,2-difluoro-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)propanoic acid;
- 10 3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2,2-dimethylpropanoic acid;
- 1-(((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)methyl)cyclobutane-1-carboxylic acid;
- 15 (R)-3-((1R,3R)-6-fluoro-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3R)-3-ethyl-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (R)-3-((1R,3R)-1-(3-(2-((3,3-difluoropropyl)amino)ethoxy)-6-fluoro-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 20 (S)-3-((1R,3R)-1-(3-(2-((3,3-difluoropropyl)amino)ethoxy)-6-fluoro-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3R)-1-(2-(difluoromethyl)-6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)phenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 25 3-((1R,3R)-1-(2-chloro-6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)phenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2,2-dimethylpropanoic acid;
- (S)-3-((1R,3R)-1-(2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

- (S)-3-((1R,3R)-1-(3-chloro-5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)pyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3,3-dimethyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 5 (S)-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethyl)amino)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethyl)(methyl)amino)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 10 (S)-3-((1R,3S)-3-(difluoromethyl)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3S)-1-(2-chloro-6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)phenyl)-3-(difluoromethyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3S)-1-(3-chloro-5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)pyridin-4-yl)-3-(difluoromethyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 15 (S)-3-((1R,3S)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-(trifluoromethyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3S)-1-(2-chloro-6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)phenyl)-3-(trifluoromethyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 20 (S)-3-((1R,3S)-1-(3-chloro-5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)pyridin-4-yl)-3-(trifluoromethyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- (S)-3-((1R,3R)-1-(2,6-difluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)phenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;
- 25 (S)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

(S)-3-((1R,3R)-6-fluoro-1-(6-fluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

5 (S)-3-((1R,3R)-1-(6-fluoro-3-((2-((3-fluoropropyl)(methyl)amino)ethyl)(methyl)amino)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

(S)-3-((1R,3R)-1-(2-(difluoromethyl)-6-fluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)phenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

10 (S)-3-((1R,3S)-1-(6-fluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-2-methylphenyl)-3-(trifluoromethyl)-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

(S)-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)(methyl-d3)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

15 (R)-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

(R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

(R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)(methyl-d3)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

20 (2R)-3-[(1R,3R)-6-fluoro-1-[5-fluoro-2-[2-[3-fluoropropyl(methyl)amino]ethoxy]-3-methyl-4-pyridyl]-3-methyl-1,3,4,9-tetrahydropyrido[3,4-b]indol-2-yl]-2-methylpropanoic acid;

3-((1R,3R)-6-fluoro-1-(5-fluoro-2-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)propanoic acid;

25 3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)propanoic acid;

(R)-3-((1R,3R)-6-fluoro-1-(6-fluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

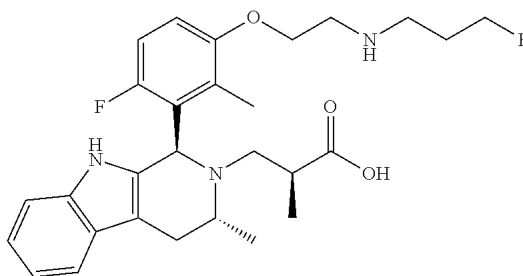
(R)-3-((1R,3R)-1-(2-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid;

(R)-3-((1R,3R)-1-(3-(2-((3,3-difluoropropyl)amino)ethoxy)-6-fluoro-2-methylphenyl)-6-fluoro-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid; and

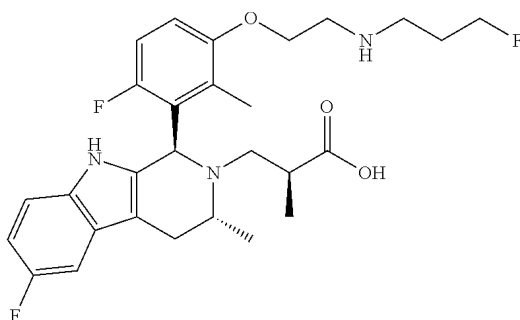
3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)(methyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)propanoic acid.

7. A pharmaceutical composition comprising a compound of Formula (IH) or a pharmaceutically acceptable salt thereof, as claimed in claim 1, and a pharmaceutically acceptable excipient.

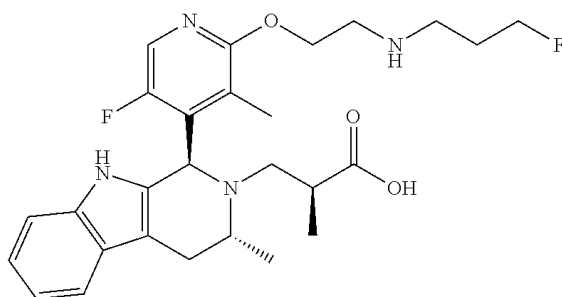
8. A compound, or a pharmaceutically acceptable salt thereof, wherein the compound is (S)-3-((1R,3R)-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid, which compound has the following structure:



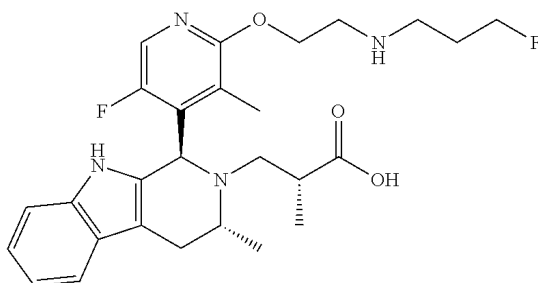
9. A compound, or a pharmaceutically acceptable salt thereof, wherein the compound is (S)-3-((1R,3R)-6-fluoro-1-(6-fluoro-3-(2-((3-fluoropropyl)amino)ethoxy)-2-methylphenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid, which compound has the following structure:



10. A compound, or a pharmaceutically acceptable salt thereof, wherein the compound is (S)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid, which compound has the following structure:



11. A compound, or a pharmaceutically acceptable salt thereof, wherein the compound is (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid, which compound has the following structure:



12. A pharmaceutical composition, which comprises the compound according to claim 11, or a pharmaceutically acceptable salt thereof, in association with a pharmaceutically-acceptable excipient.

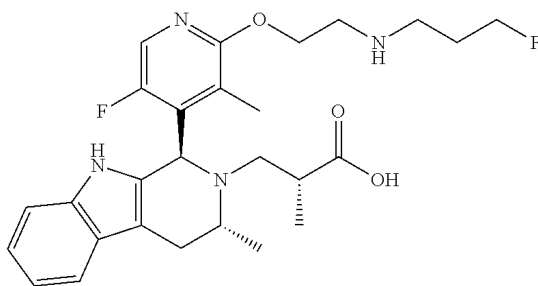
13. A compound, wherein the compound is (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid.

14. A pharmaceutical composition, which comprises the compound according to claim 13, in association with a pharmaceutically-acceptable excipient.

15. A pharmaceutically acceptable salt of (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid.

16. A pharmaceutical composition, which comprises the salt according to claim 15, in association with a pharmaceutically-acceptable excipient.

17. The compound (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid,



or a pharmaceutically acceptable salt thereof, for use in the treatment of breast cancer in a warm-blooded animal in need of such treatment, wherein an effective amount of the compound or pharmaceutically acceptable salt thereof is to be administered to the animal.

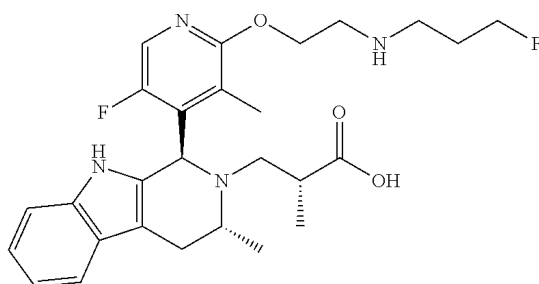
18. The compound (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid for use in the treatment of breast cancer in a warm-blooded animal in
5 need of such treatment, wherein an effective amount of the compound is to be administered to the animal.

19. A pharmaceutically acceptable salt of (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-
10 pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid for use in the treatment of breast cancer in a warm-blooded animal in need of such treatment, wherein an effective amount of the pharmaceutically acceptable salt is to be administered to the animal.

20. The compound (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-
15 methylpropanoic acid, or a pharmaceutically acceptable salt thereof, for use in the treatment of breast cancer in a warm-blooded animal in need of such treatment, wherein an effective amount of the compound or pharmaceutically acceptable salt thereof is to be administered in combination with a CDK4/6 inhibitor to the animal.

21. The compound for use according to claim 20, wherein the CDK4/6 inhibitor is palbociclib.

22. Use of the compound (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-
25 pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid,



or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of breast cancer in a warm-blooded animal in need of such treatment, wherein an effective amount of the medicament to be administered to the animal.

5

23. Use of the compound (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid in the manufacture of a medicament for the treatment of breast cancer in a warm-blooded animal in need of such treatment, wherein an effective amount of the medicament is to be administered to the animal.

10

24. Use of the pharmaceutically acceptable salt (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid in the manufacture of a medicament for the treatment of breast cancer in a warm-blooded animal in need of such treatment, wherein an effective amount of the medicament is to be administered to the animal.

15

25. Use of the compound (R)-3-((1R,3R)-1-(5-fluoro-2-(2-((3-fluoropropyl)amino)ethoxy)-3-methylpyridin-4-yl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2-methylpropanoic acid, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of breast cancer in a warm-blooded animal in need of such treatment, wherein an effective amount of the medicament is to be administered in combination with a CDK4/6 inhibitor to the animal.

20

26. The use according to claim 25, wherein the CDK4/6 inhibitor is palbociclib.

25