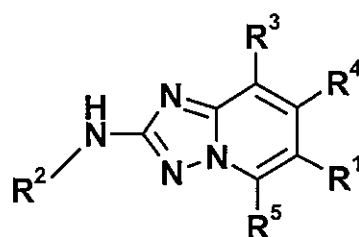


CLAIMS

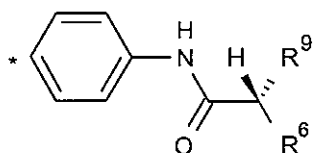
1. Method for preparing a compound of general formula PC:



(PC)

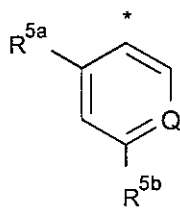
in which :

R¹ represents



wherein * indicates the point of attachment of said group with the rest of the molecule ;

R² represents



wherein * indicates the point of attachment of said group with the rest of the molecule;

R³ represents a hydrogen atom ;

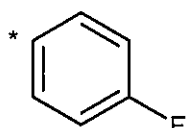
R⁴ represents a hydrogen atom ;

R^5 represents a hydrogen atom or a C_1 - C_3 -alkyl- group ;

R^{5a} represents a group selected from: C_1 - C_4 -alkoxy-, halo- C_1 - C_4 -alkoxy-,
5 C_1 - C_4 -alkyl ;

R^{5b} represents a group selected from:
- $C(=O)N(H)R^8$, - $C(=O)NR^8R^7$, - $N(R^7)C(=O)OR^8$, $R^7-S(=O)_2$ - ;

10 R^6 represents a



group ;

wherein * indicates the point of attachment of said group with the rest of the molecule ;

wherein said group is optionally substituted, one or more times, identically
15 or differently, with a halogen atom or a methyl- group ;

R^7 represents a C_1 - C_3 -alkyl- or a cyclopropyl- group ;

R^8 represents a hydrogen atom or a C_1 - C_6 -alkyl- or C_3 - C_6 -cycloalkyl- group ;

20 wherein said C_1 - C_6 -alkyl- or C_3 - C_6 -cycloalkyl- group is optionally substituted,
one or more times, with a halogen atom ;

or

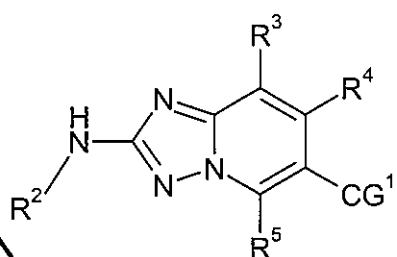
25 R^7 and R^8 together with the molecular fragment they are attached to represent a 4-
to 6-membered heterocyclic ring, which is optionally substituted, one or
more times, identically or differently, with a halogen atom, a C_1 - C_3 -alkyl-,
halo- C_1 - C_3 -alkyl- or C_1 - C_3 -alkoxy- group ;

R^9 represents a group selected from: C_1 - C_3 -alkyl-, hydroxy- C_1 - C_3 -alkyl-, $-N(H)R^8$; $-N(R^7)R^8$, $N(H)(R^8)$ - C_1 - C_3 -alkyl-, $N(R^7)(R^8)$ - C_1 - C_3 -alkyl- ;

and

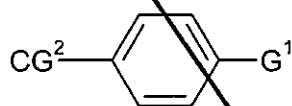
Q represents CH or N ;

wherein the method comprises the step of allowing a compound of general formula (In1) :



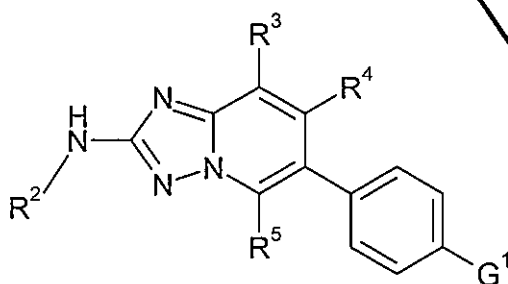
(In1)

to react with a compound of general formula (In5)



(In5)

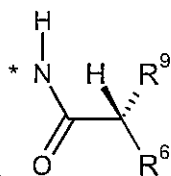
thus providing a compound of general formula (Ia) :



(Ia)

wherein:

G^1 represents



wherein * indicates the point of attachment of said group with the rest of the molecule ; or

5 -NH₂, or a protected amine ;

CG¹ and CG²

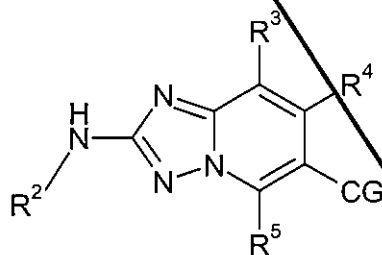
represent groups enabling palladium catalysed coupling reactions, including chloro, bromo, iodo, trifluoromethylsulfonyloxy, or a boronic acid or an ester thereof, with the proviso that if CG¹ represents a boronic ester or an ester or derivative thereof, CG² stands for a leaving group, and *vice versa*;

and

R², R³, R⁴, and R⁵ are as defined in claim 1.

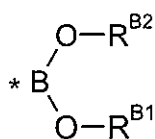
15

2. Method for preparing a compound of general formula PC as defined in claim 1, the method comprising the step of allowing a compound of general formula (In1) :



(In1)

20 in which R², R³, R⁴, and R⁵ are as defined in claim 1, and CG¹ represents



wherein * indicates the point of attachment of said group with the rest of the molecule ;

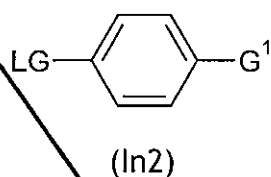
R^{B1} and R^{B2}

5 represent, independently from each other, a hydrogen atom or a C_1 - C_6 -alkyl or C_3 - C_6 -cycloalkyl- group ;

or

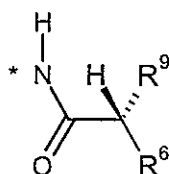
R^{B1} and R^{B2} together represent a C_1 - C_6 -alkylene group;

10 to react with a compound of general formula (In2) :



in which :

15 G^1 represents

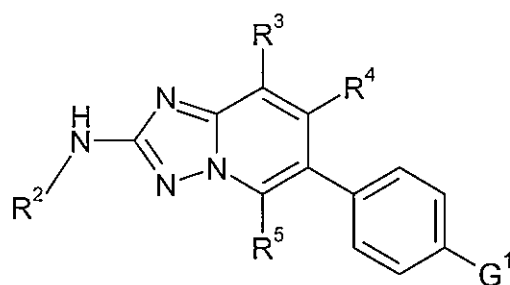


wherein * indicates the point of attachment of said group with the rest of the molecule ; or

- NH_2 , or a protected amine ; and

20 LG represents a leaving group;

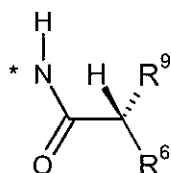
thus providing a compound of general formula (Ia) :



(Ia)

in which

5 G¹ represents



wherein * indicates the point of attachment of said group with the rest of the molecule ; or

-NH₂, or a protected amine,

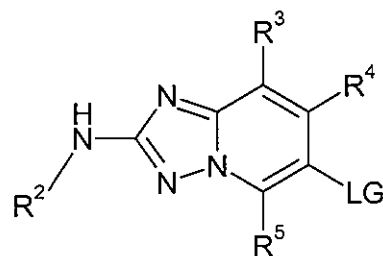
10

and

R², R³, R⁴, R⁵, R⁶ and R⁹ are as defined in claim 1.

15

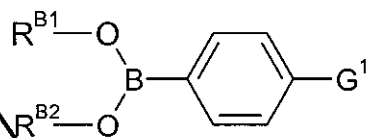
3. The method according to claim 1, wherein the method comprises the step of allowing a compound of general formula (In1) :



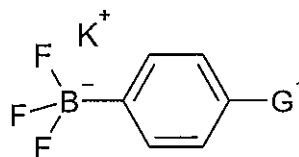
(In1)

20 in which R², R³, R⁴, and R⁵ are as defined in claim 1, and LG is a leaving group;

to react with a compound of general formula (In2) or (In3):



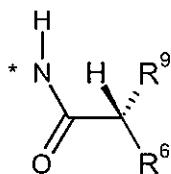
(In2)



(In3)

in which :

G¹ represents



wherein * indicates the point of attachment of said group with the rest of the molecule ; or

-NH₂, or a protected amine ;

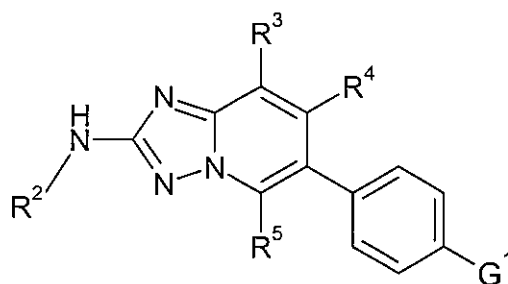
R^{B1} and R^{B2}

represent, independently from each other, a hydrogen atom or a C₁-C₆-alkyl or C₃-C₆-cycloalkyl- group ;

or

R^{B1} and R^{B2} together represent a C₁-C₆-alkylene group;

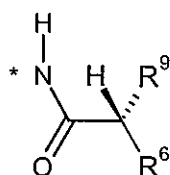
thus providing a compound of general formula (Ia) :



(Ia)

in which R^2 , R^3 , R^4 , and R^5 are as defined in claim 1, and

5 G^1 represents



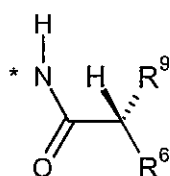
wherein * indicates the point of attachment of said group with the rest of the molecule ; or

-NH₂, or a protected amine.

10

4. The method according to any one of claims 2 to 3, wherein

G^1 represents



15 wherein * indicates the point of attachment of said group with the rest of the molecule.

5. The method according to any one of claims 2 to 3, wherein

20 G^1 represents a protected amine.

6. The method according to any one of claims 1 to 5, wherein LG represents a chlorine atom or a bromine atom.

5

7. The method according to any one of claims 1 to 6, wherein the compound of general formula (I) is selected from the group consisting of:

(2R)-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(methylsulfonyl)phenyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

10 (2R)-N-[4-(2-{[2-ethoxy-4-(methylsulfonyl)phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]-2-(4-fluorophenyl)propanamide,

(2R)-2-(4-fluorophenyl)-N-[4-(2-{[4-(methylsulfonyl)-2-(2,2,2-trifluoroethoxy)-phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

15 4-{[6-(4-{[(2R)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-*a*]pyridin-2-yl]amino}-3-methoxy-N-(2,2,2-trifluoroethyl)benzamide,

4-{[6-(4-{[(2R)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-*a*]pyridin-2-yl]amino}-3-methoxybenzamide,

4-{[6-(4-{[(2R)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-*a*]pyridin-2-yl]amino}-3-(2,2,2-trifluoroethoxy)benzamide,

20 (2R)-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-methoxyphenyl}amino)-[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl}-2-(4-fluorophenyl)propanamide,

(2R)-N-[4-(2-{[4-(azetidin-1-ylcarbonyl)-2-methoxyphenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]-2-(4-fluorophenyl)propanamide,

25 (2R)-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(2-oxo-1,3-oxazolidin-3-yl)phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

(-)-2-(4-fluorophenyl)-3-hydroxy-N-[4-(2-{[4-(methylsulfonyl)-2-(2,2,2-trifluoroethoxy)phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

- (2R)-2-amino-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(methylsulfonyl)-phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]ethanamide,
- 4-{[6-(4-{[(2R)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-a]pyridin-2-yl]amino}-3-methoxy-N,N-dimethylbenzamide,
- 5 (2R)-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(pyrrolidin-1-ylcarbonyl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]propanamide,
- (2R)-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-(2,2,2-trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)propanamide,
- 10 (2R)-2-(4-fluorophenyl)-N-{4-[2-({4-[(3-hydroxyazetidin-1-yl)carbonyl]-2-(2,2,2-trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}propanamide,
- (2R)-2-(4-fluorophenyl)-N-[4-(2-{[4-(pyrrolidin-1-ylcarbonyl)-2-(2,2,2-trifluoroethoxy)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-
- 15 yl)phenyl]propanamide,
- (2S)-2-(4-fluorophenyl)-3-hydroxy-N-[4-(2-{[2-methoxy-4-(methylsulfonyl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]propanamide,
- (2S)-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-(2,2,2-
- 20 trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)-3-hydroxypropanamide,
- (2R)-2-amino-2-(4-fluorophenyl)-N-[4-(2-{[4-(methylsulfonyl)-2-(2,2,2-trifluoroethoxy)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]ethanamide,
- (2R)-2-amino-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(2-oxo-1,3-oxazolidin-3-
- 25 yl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]ethanamide,

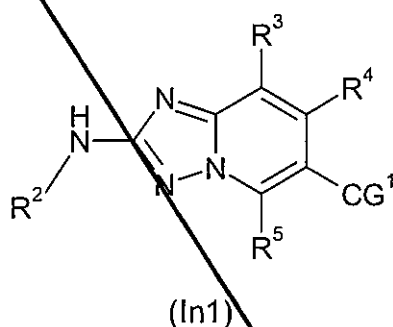
(2R)-2-amino-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-methoxyphenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)ethanamide,

(2R)-2-amino-N-[4-(2-{[4-(azetidin-1-ylcarbonyl)-2-methoxyphenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl)-2-(4-fluorophenyl)ethanamide,

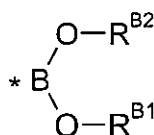
(2R)-2-amino-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(pyrrolidin-1-ylcarbonyl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl]ethanamide,

(2R)-2-amino-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-(2,2,2-trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)ethanamide.

8. Intermediate compound of general formula (In1) :



in which R^2 , R^3 , R^4 , and R^5 are as defined in any one of the claims 1 to 7, and CG^1 represents



wherein * indicates the point of attachment of said group with the rest of the molecule ;

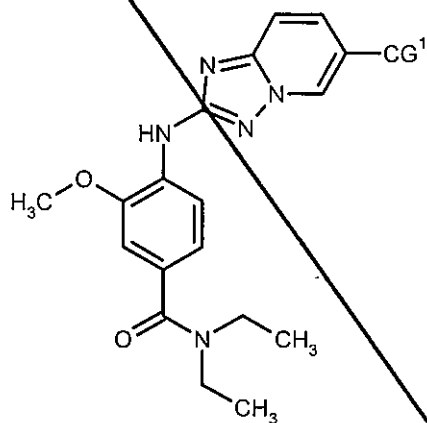
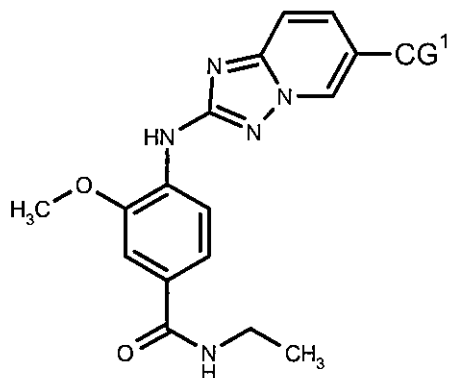
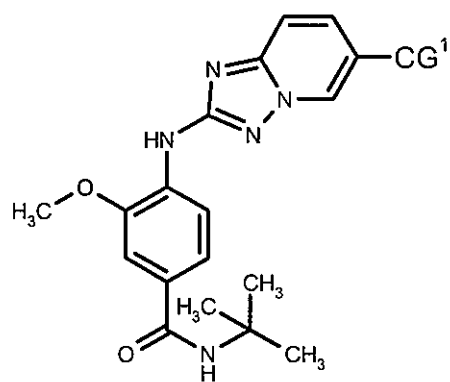
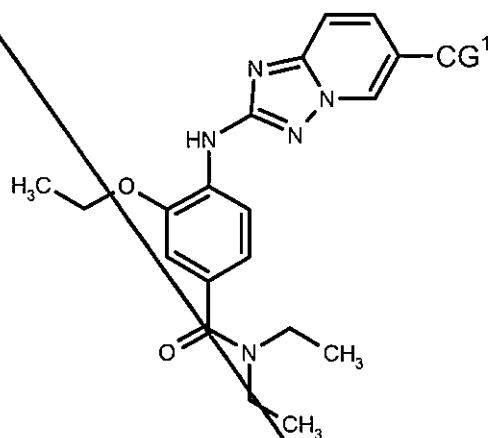
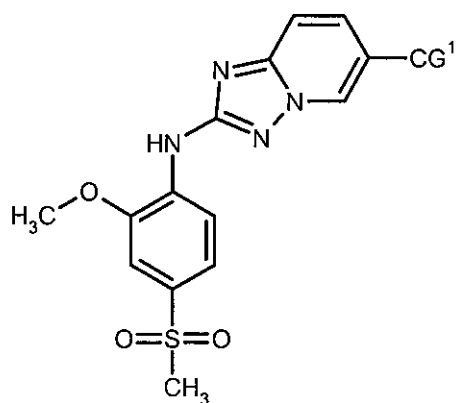
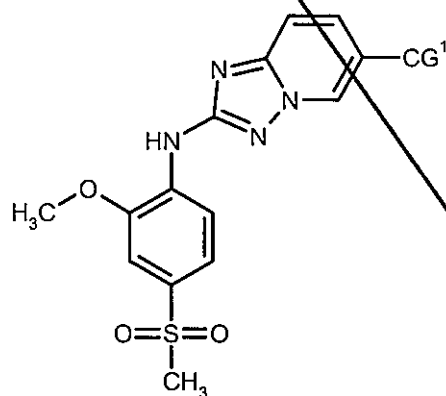
R^{B1} and R^{B2}

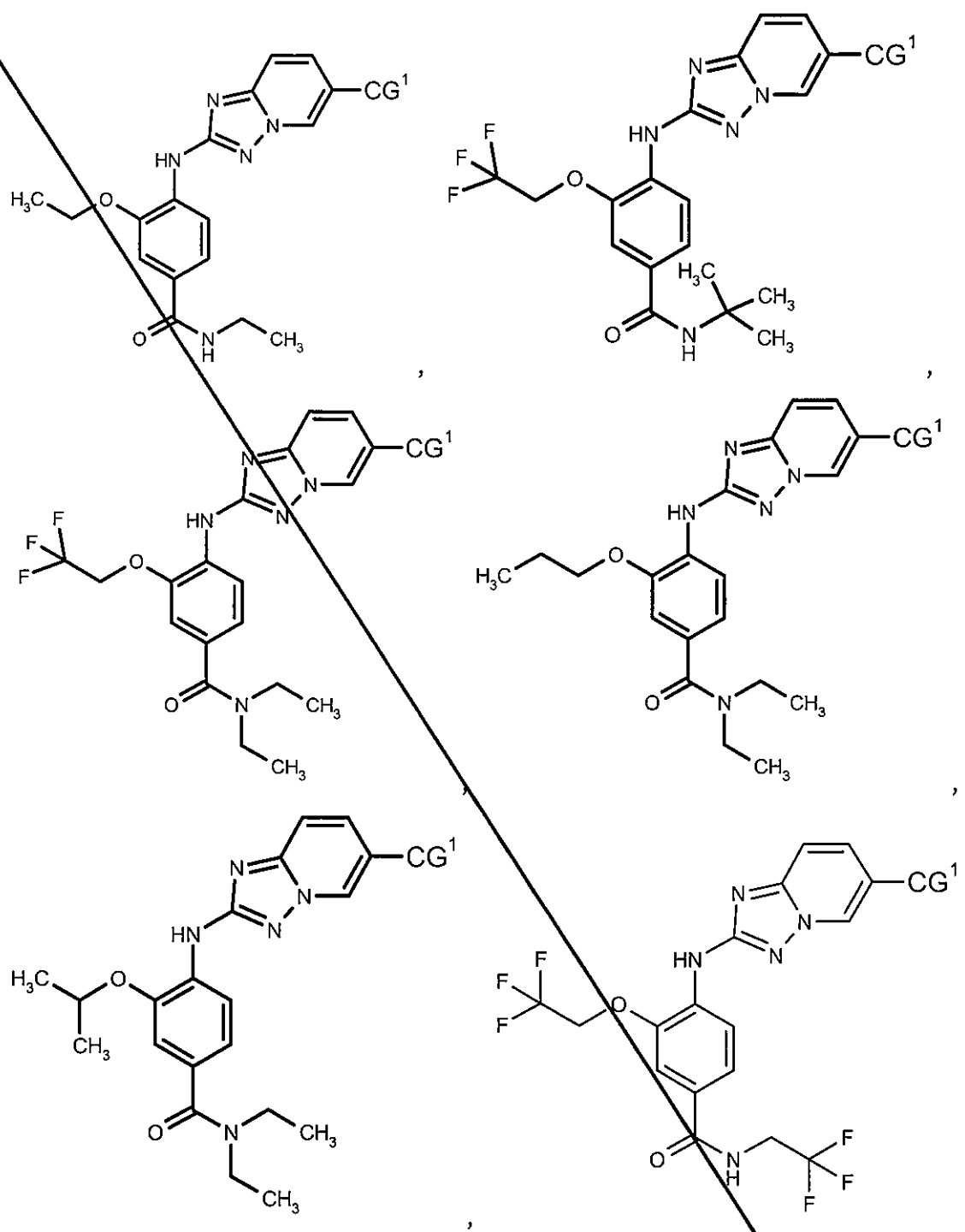
represent, independently from each other, a hydrogen atom or a C_1 - C_6 -alkyl or C_3 - C_6 -cycloalkyl- group ;

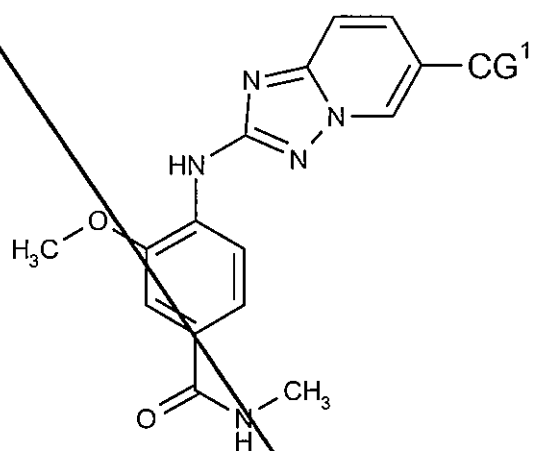
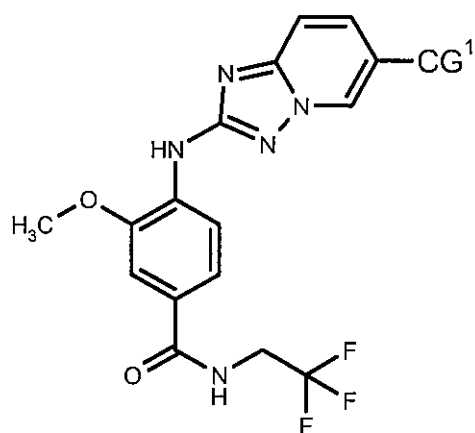
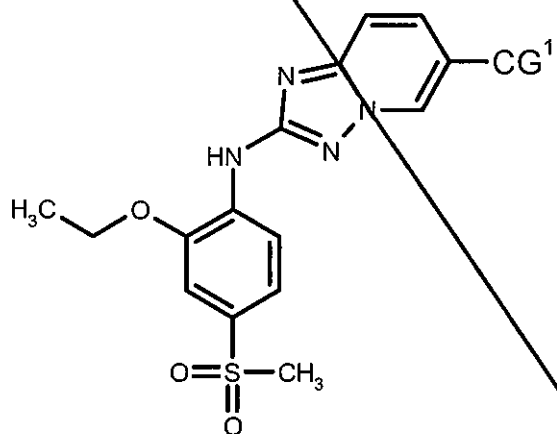
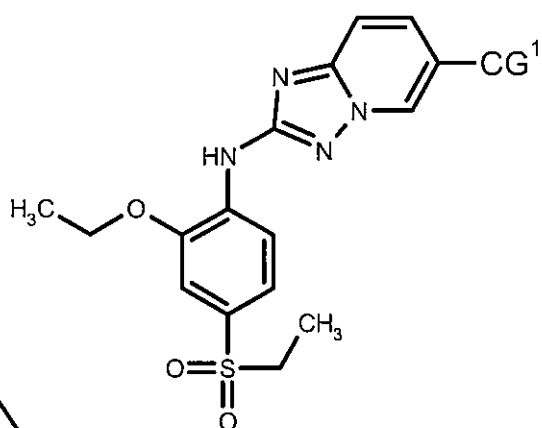
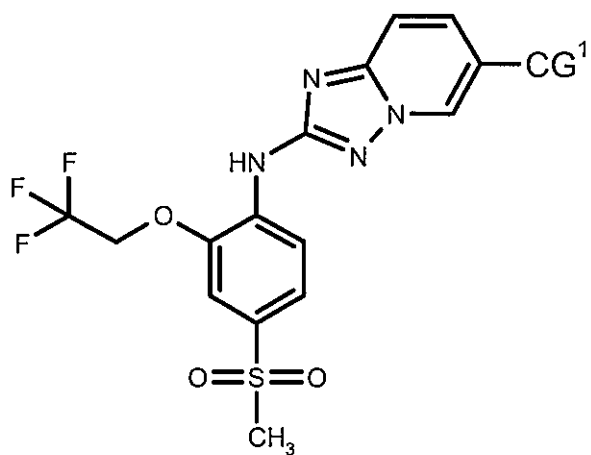
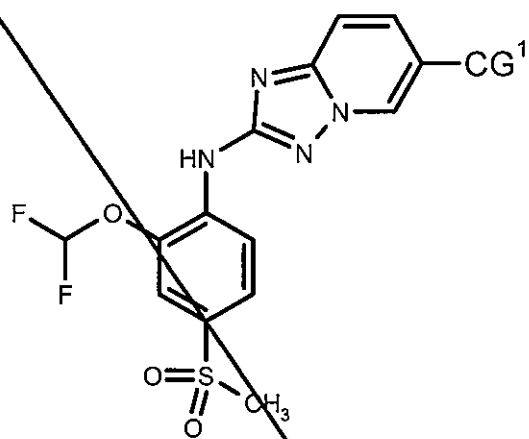
or

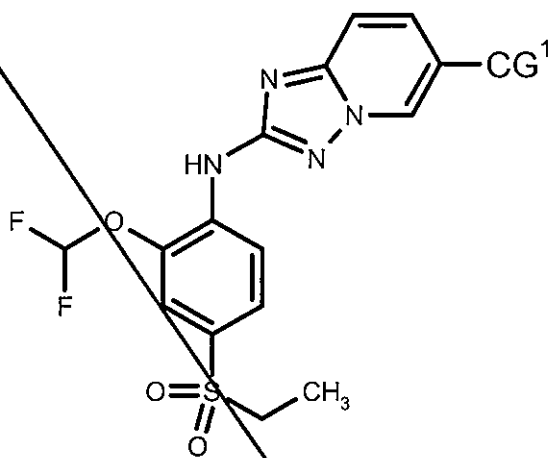
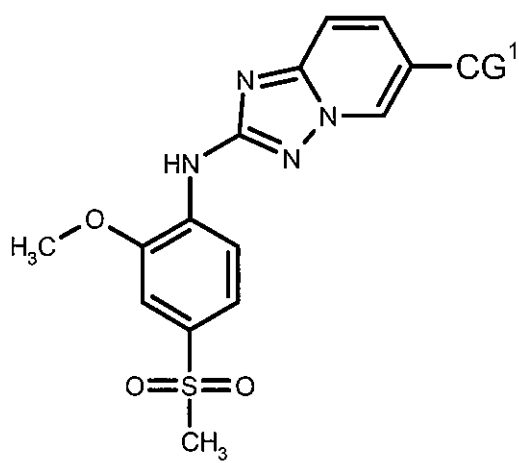
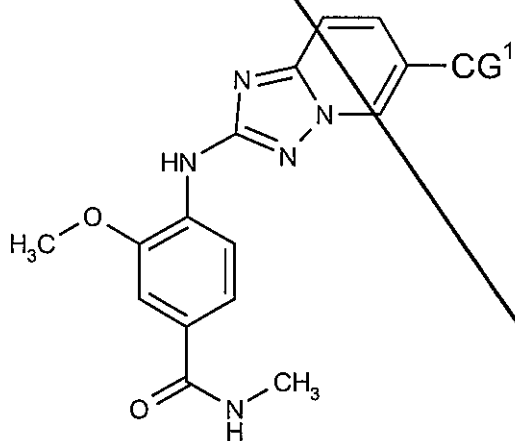
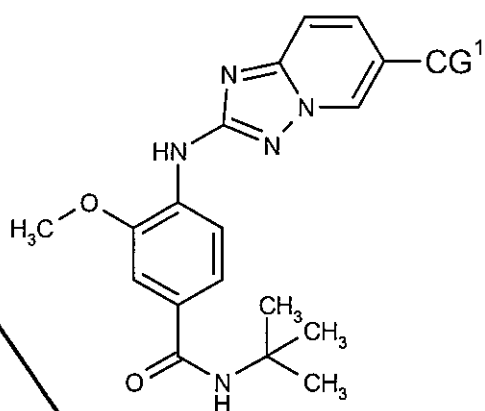
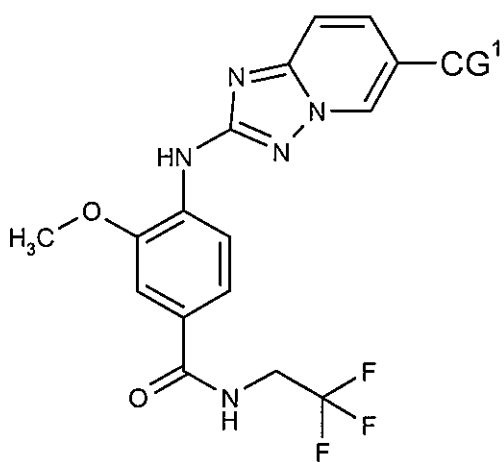
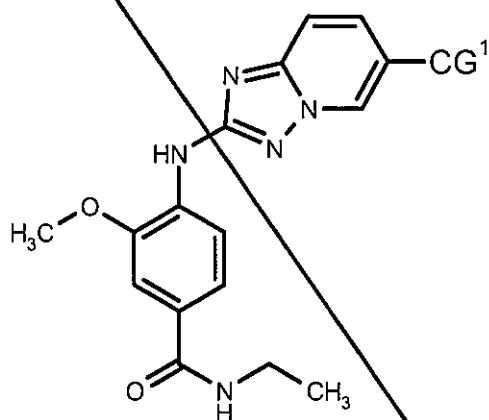
R^{B1} and R^{B2} together represent a C_1 - C_6 -alkylene group.

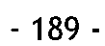
9. Intermediate compound according to claim 8, which is selected from :

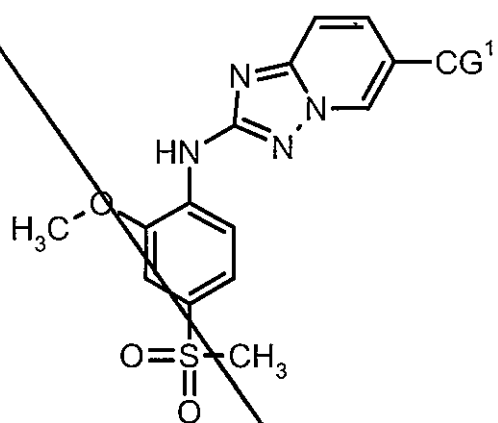
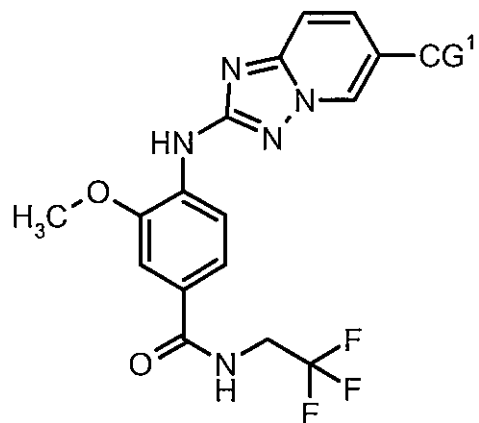
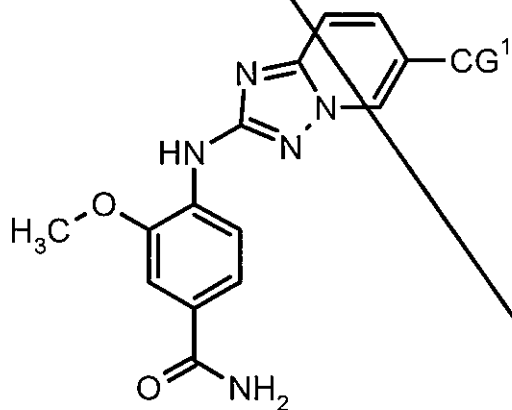
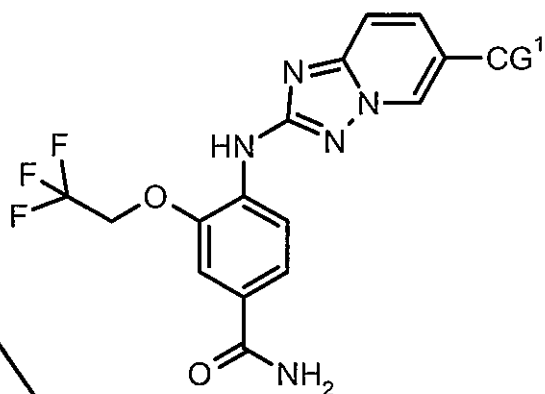
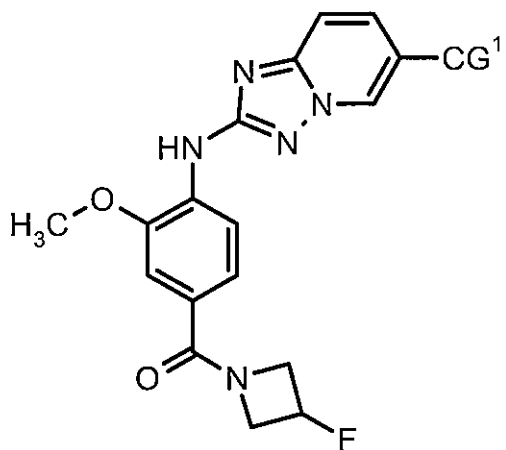
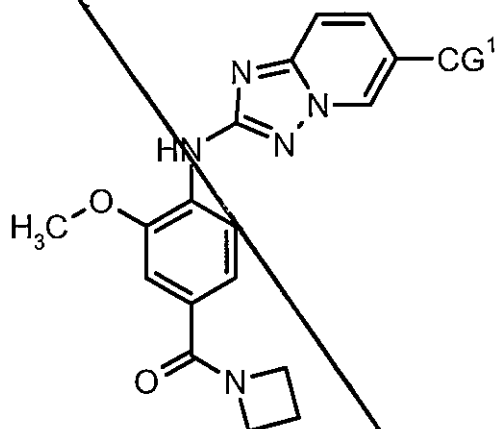


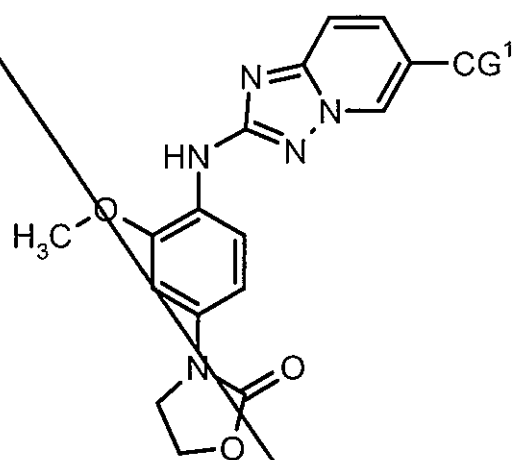
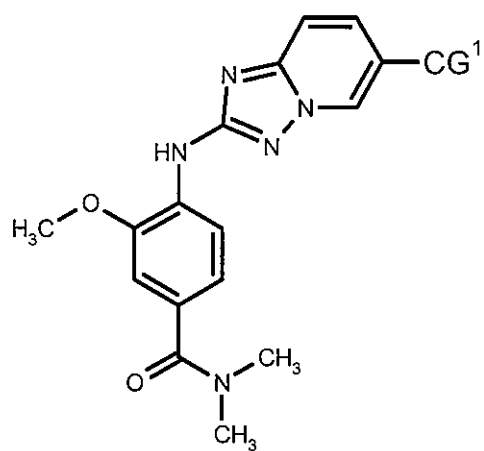
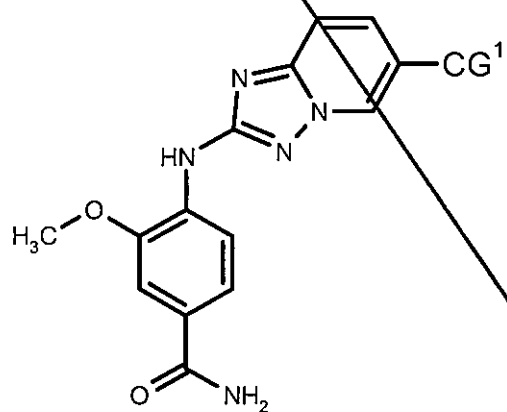
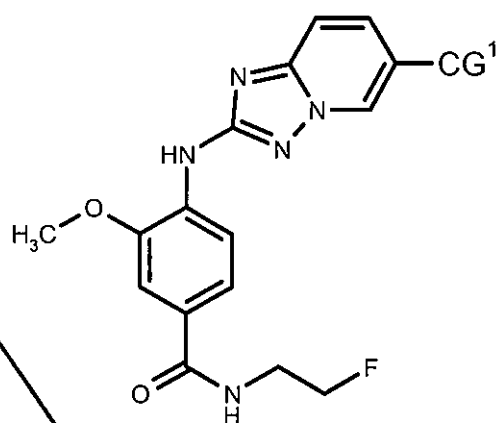
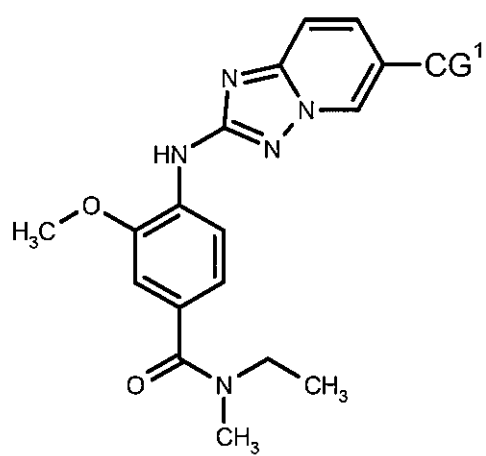
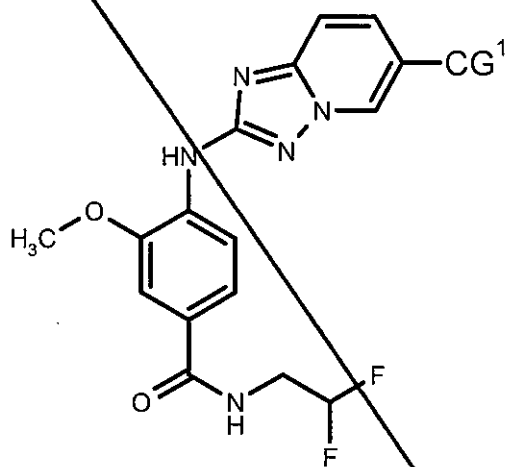


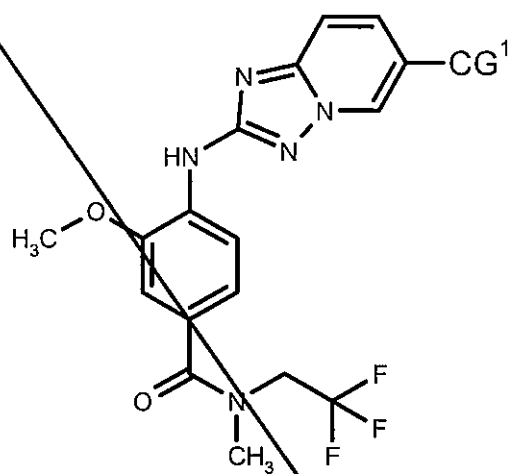
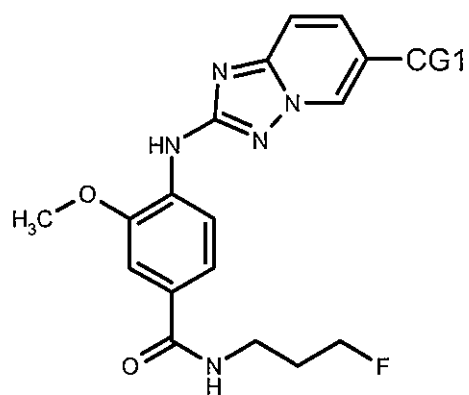
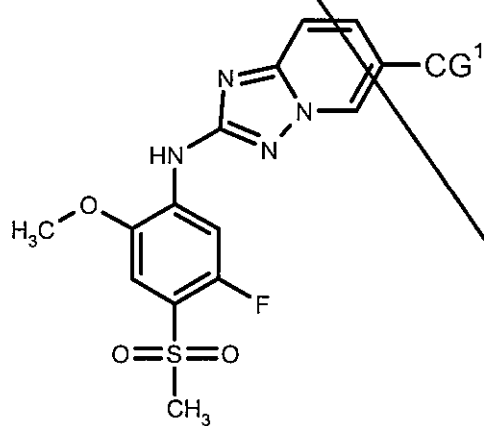
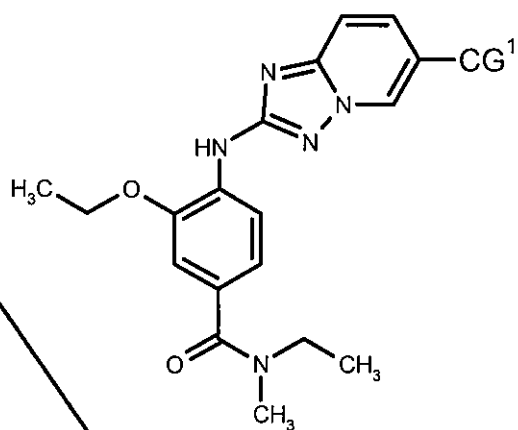
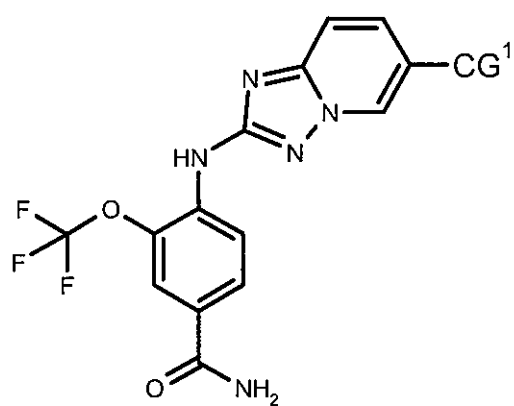
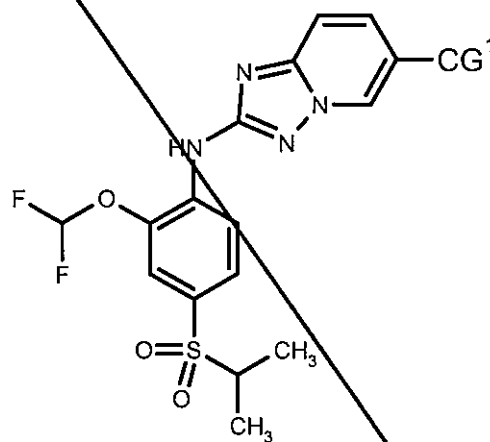


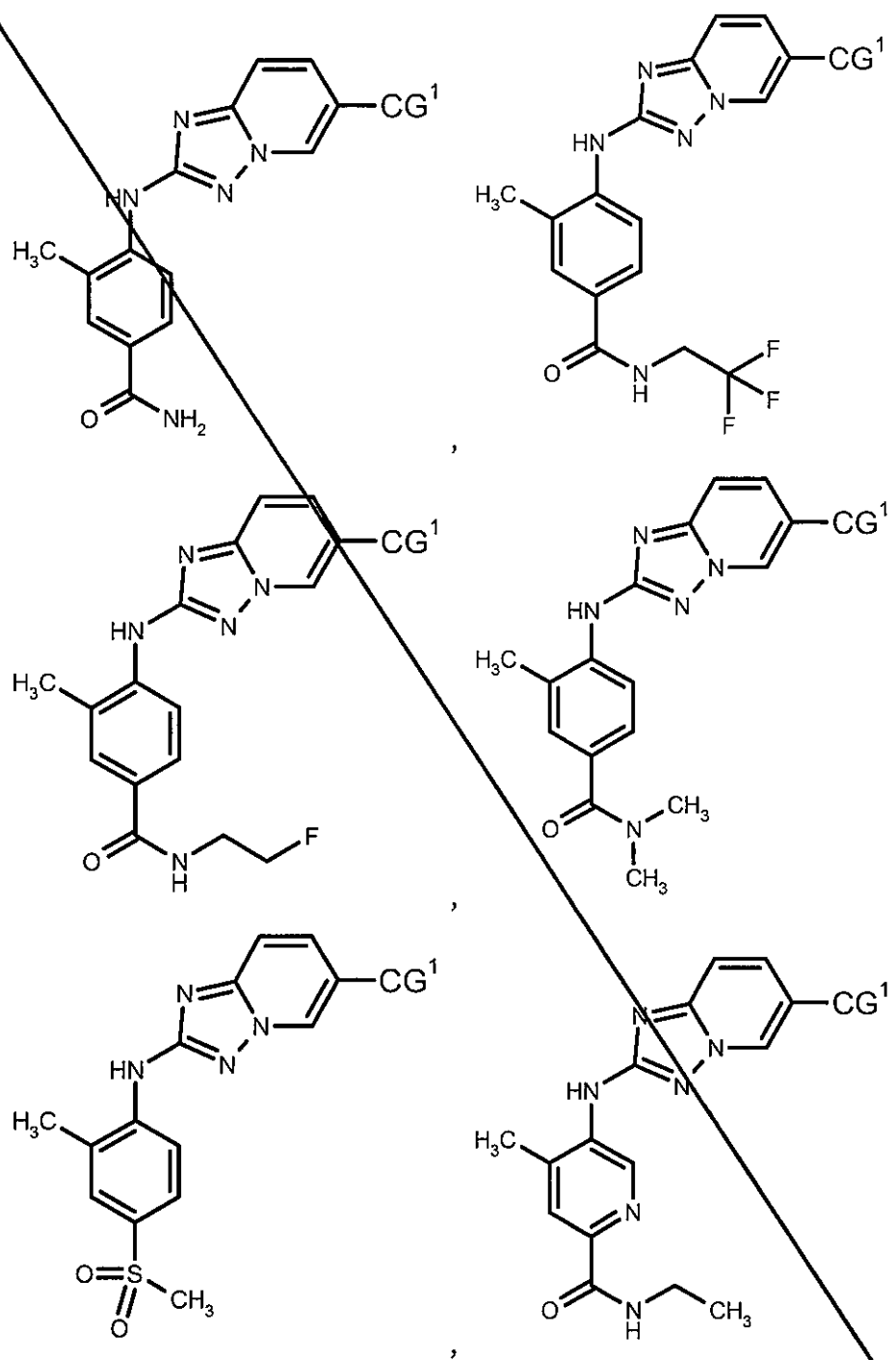


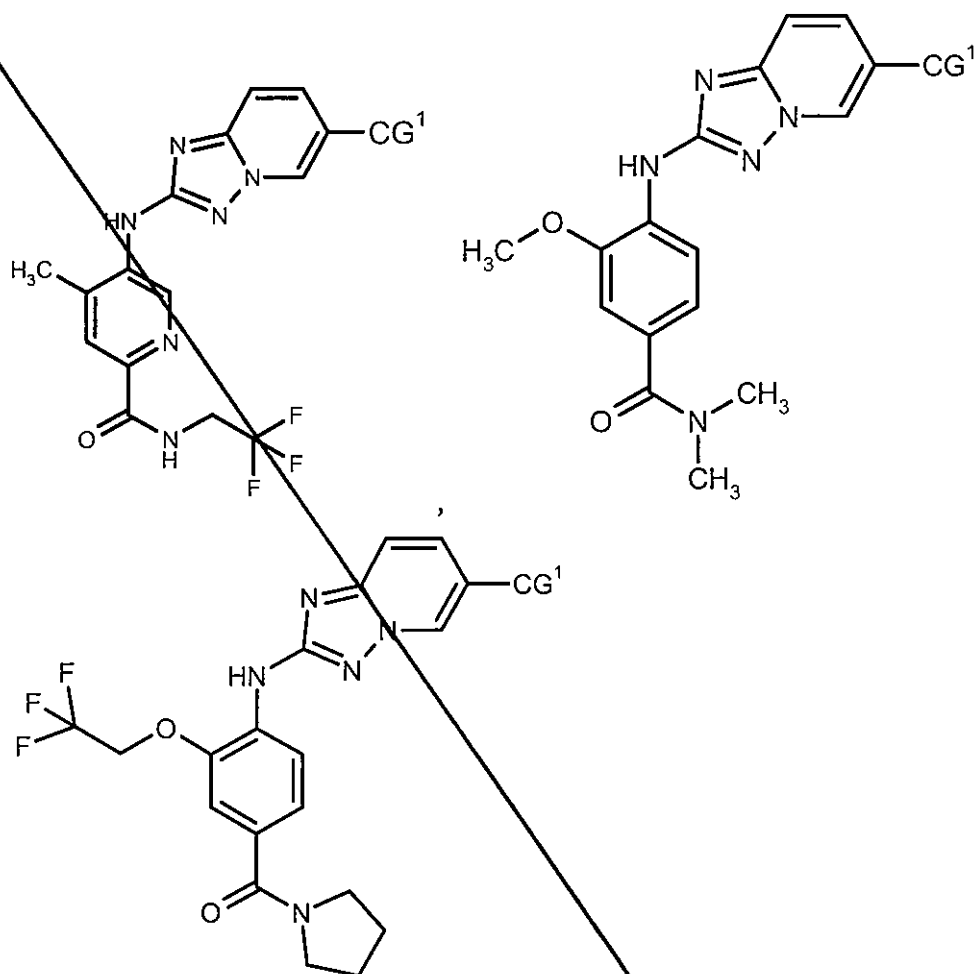






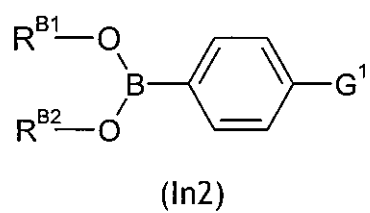






5

10. Intermediate compound of general formula (In2) :



10

in which :

R^{B1} and R^{B2}

represent, independently from each other, a hydrogen atom or a C₁-C₆-alkyl or C₃-C₆-cycloalkyl- group ;

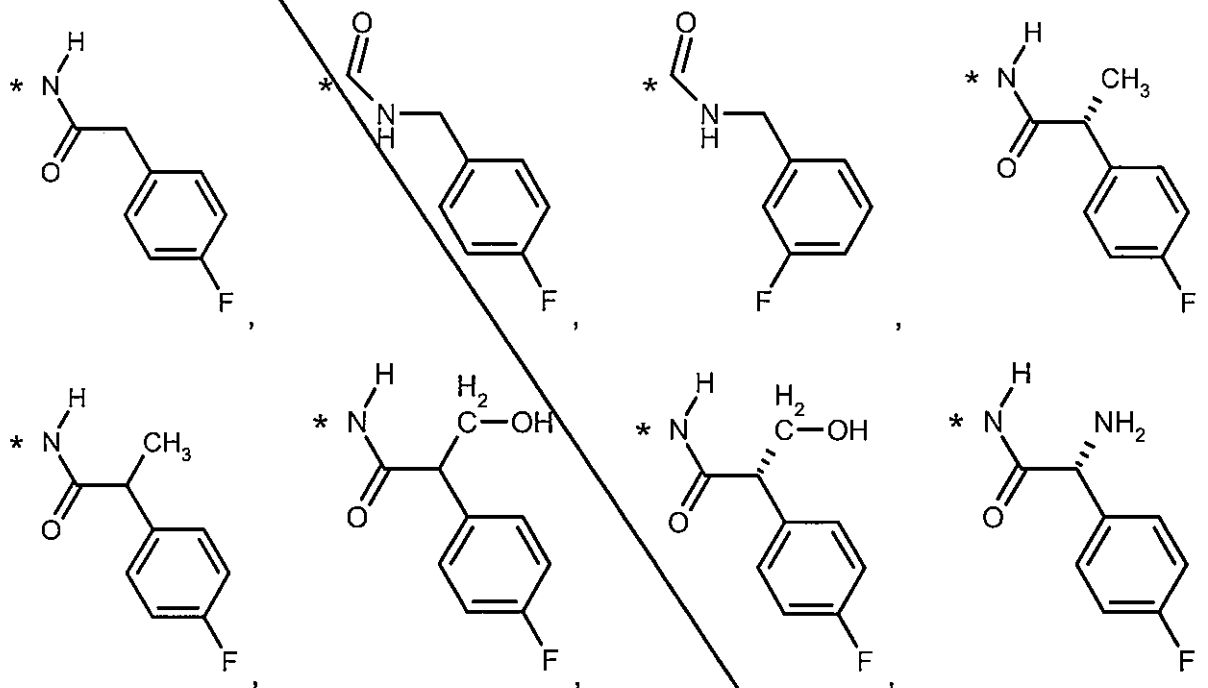
or

R^{B1} and R^{B2} together represent a C₁-C₆-alkylene group;

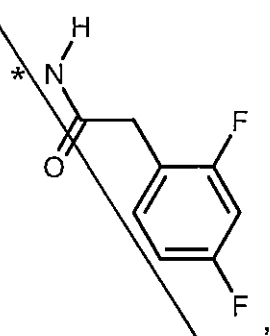
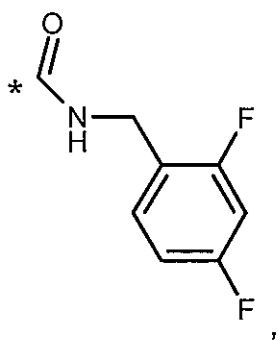
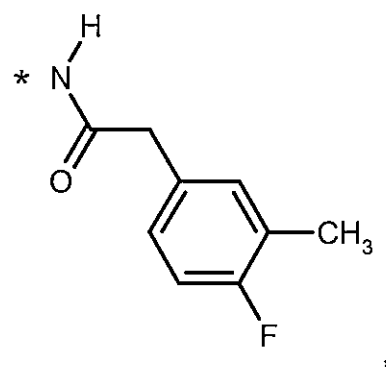
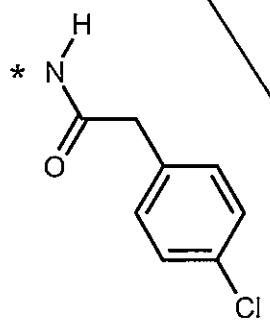
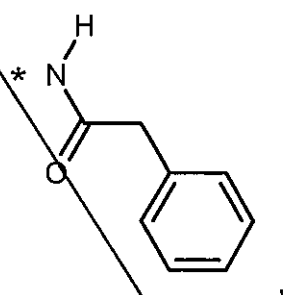
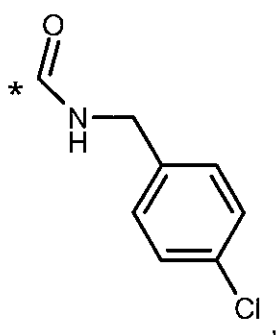
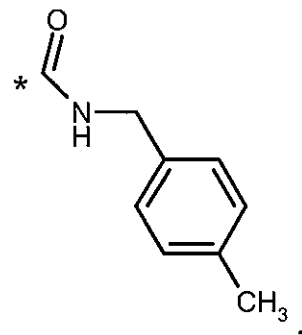
5

and

G¹ is selected from:

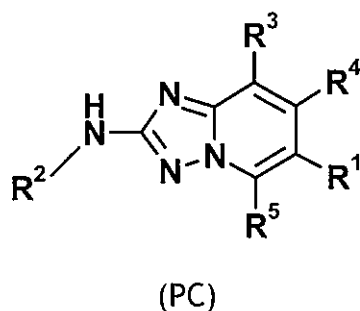


10



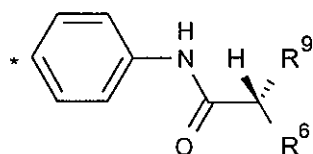
CLAIMS

1. Method for preparing a compound of general formula PC:



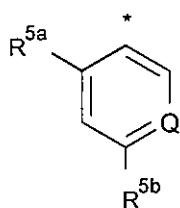
in which :

R¹ represents



wherein * indicates the point of attachment of said group with the rest of the molecule ;

R² represents



wherein * indicates the point of attachment of said group with the rest of the molecule;

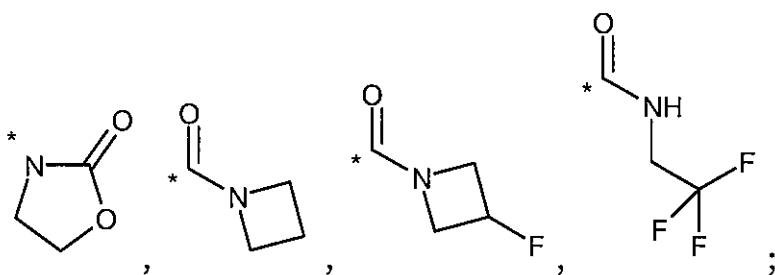
R³ represents a hydrogen atom ;

R⁴ represents a hydrogen atom ;

R⁵ represents a hydrogen atom ;

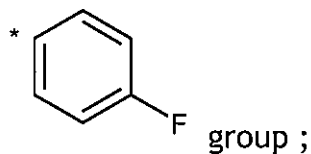
5 R^{5a} represents a group selected from: methoxy-, ethoxy, F₃C-CH₂-O-;

R^{5b} represents a group selected from: H₃C-S(O)₂-, H₂N-C(O)-,



10 wherein * indicates the point of attachment of said groups with the rest of the molecule;

R⁶ represents a



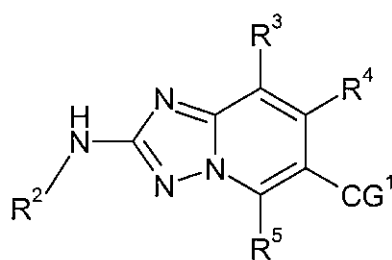
15 wherein * indicates the point of attachment of said group with the rest of the molecule ;

R⁹ represents a group selected from: methyl-, HO-CH₂-, H₂N-CH₂-, -NH₂;

and

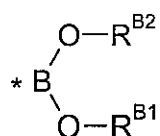
20 Q represents CH ;

the method comprising the step of allowing a compound of general formula (In1) :



(In1)

in which CG¹ represents



5 wherein * indicates the point of attachment of said group with the rest of the molecule ;

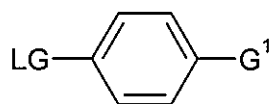
R^{B1} and R^{B2}

represent, independently from each other, a hydrogen atom or a C₁-C₆-alkyl
10 or C₃-C₆-cycloalkyl- group ;

or

R^{B1} and R^{B2} together represent a C₁-C₆-alkylene group;

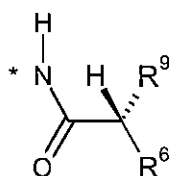
to react with a compound of general formula (In2) :



(In2)

in which :

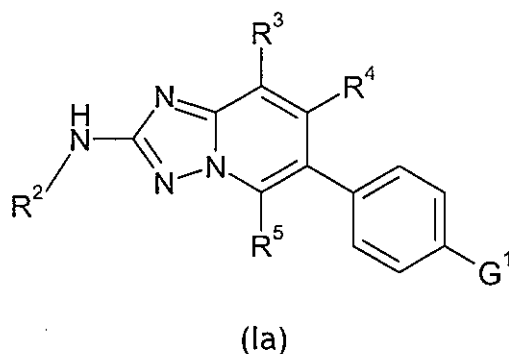
G¹ represents



wherein * indicates the point of attachment of said group with the rest of the molecule ; and

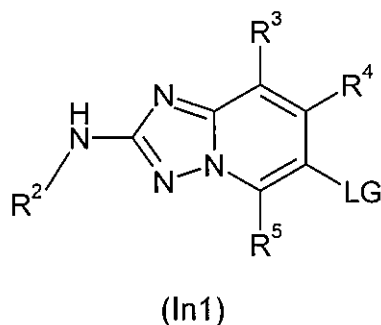
LG represents a leaving group;

5 thus providing a compound of general formula (Ia) :



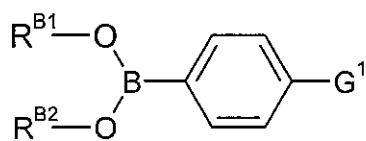
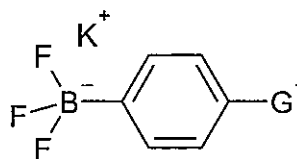
or

the method comprises the step of allowing a compound of general formula (In1) :



in which LG is a leaving group;

to react with a compound of general formula (In2) or (In3):

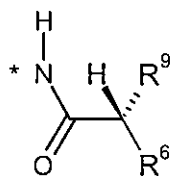


(In2)

(In3)

in which :

G¹ represents



wherein * indicates the point of attachment of said group with the rest of the molecule ;

10 R^{B1} and R^{B2}

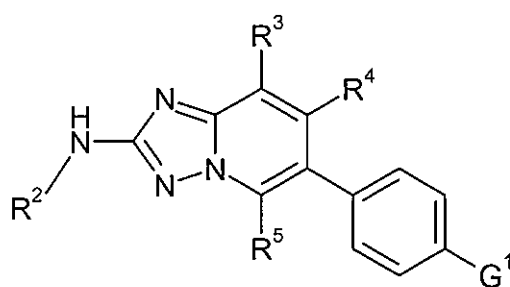
represent, independently from each other, a hydrogen atom or a C₁-C₆-alkyl or C₃-C₆-cycloalkyl- group ;

or

R^{B1} and R^{B2} together represent a C₁-C₆-alkylene group;

15

thus providing a compound of general formula (Ia) :



(Ia).

20

2. The method according to claim 1 wherein the compound of general formula (PC) is selected from the group consisting of:

(2*R*)-2-(4-fluorophenyl)-*N*-[4-(2-{[2-methoxy-4-(methylsulfonyl)phenyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

5 (2*R*)-*N*-[4-(2-{[2-ethoxy-4-(methylsulfonyl)phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]-2-(4-fluorophenyl)propanamide,

(2*R*)-2-(4-fluorophenyl)-*N*-[4-(2-{[4-(methylsulfonyl)-2-(2,2,2-trifluoroethoxy)-phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

10 4-{[6-(4-{[(2*R*)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-*a*]pyridin-2-yl]amino}-3-methoxy-*N*-(2,2,2-trifluoroethyl)benzamide,

4-{[6-(4-{[(2*R*)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-*a*]pyridin-2-yl]amino}-3-methoxybenzamide,

4-{[6-(4-{[(2*R*)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-*a*]pyridin-2-yl]amino}-3-(2,2,2-trifluoroethoxy)benzamide,

15 (2*R*)-*N*-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-methoxyphenyl}amino)-[1,2,4]triazolo[1,5-*a*]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)propanamide,

(2*R*)-*N*-[4-(2-{[4-(azetidin-1-ylcarbonyl)-2-methoxyphenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]-2-(4-fluorophenyl)propanamide,

20 (2*R*)-2-(4-fluorophenyl)-*N*-[4-(2-{[2-methoxy-4-(2-oxo-1,3-oxazolidin-3-yl)phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

(-)-2-(4-fluorophenyl)-3-hydroxy-*N*-[4-(2-{[4-(methylsulfonyl)-2-(2,2,2-trifluoroethoxy)phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]propanamide,

(2*R*)-2-amino-2-(4-fluorophenyl)-*N*-[4-(2-{[2-methoxy-4-(methylsulfonyl)-phenyl]amino}[1,2,4]triazolo[1,5-*a*]pyridin-6-yl)phenyl]ethanamide,

25 4-{[6-(4-{[(2*R*)-2-(4-fluorophenyl)propanoyl]amino}phenyl)[1,2,4]triazolo[1,5-*a*]pyridin-2-yl]amino}-3-methoxy-*N,N*-dimethylbenzamide,

(2R)-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(pyrrolidin-1-ylcarbonyl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]propanamide,

(2R)-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-(2,2,2-trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)propanamide,

(2R)-2-(4-fluorophenyl)-N-{4-[2-({4-[(3-hydroxyazetidin-1-yl)carbonyl]-2-(2,2,2-trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}propanamide,

(2R)-2-(4-fluorophenyl)-N-[4-(2-{[4-(pyrrolidin-1-ylcarbonyl)-2-(2,2,2-trifluoroethoxy)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]propanamide,

(2S)-2-(4-fluorophenyl)-3-hydroxy-N-[4-(2-{[2-methoxy-4-(methylsulfonyl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]propanamide,

(2S)-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-(2,2,2-trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)-3-hydroxypropanamide,

(2R)-2-amino-2-(4-fluorophenyl)-N-[4-(2-{[4-(methylsulfonyl)-2-(2,2,2-trifluoroethoxy)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]ethanamide,

(2R)-2-amino-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(2-oxo-1,3-oxazolidin-3-yl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]ethanamide,

(2R)-2-amino-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-methoxyphenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-fluorophenyl)ethanamide,

(2R)-2-amino-N-[4-(2-{[4-(azetidin-1-ylcarbonyl)-2-methoxyphenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]-2-(4-fluorophenyl)ethanamide,

(2R)-2-amino-2-(4-fluorophenyl)-N-[4-(2-{[2-methoxy-4-(pyrrolidin-1-ylcarbonyl)phenyl]amino}[1,2,4]triazolo[1,5-a]pyridin-6-yl)phenyl]ethanamide,

(2R)-2-amino-N-{4-[2-({4-[(3-fluoroazetidin-1-yl)carbonyl]-2-(2,2,2-trifluoroethoxy)phenyl}amino)[1,2,4]triazolo[1,5-a]pyridin-6-yl]phenyl}-2-(4-

5 fluorophenyl)ethanamide.