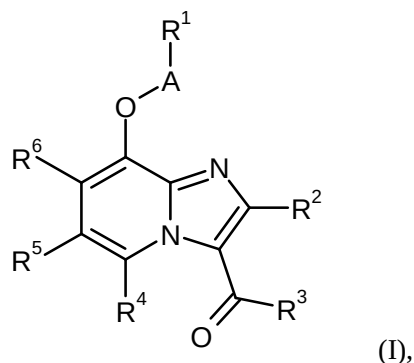


CLAIMS

1. A compound of formula (I)



in which

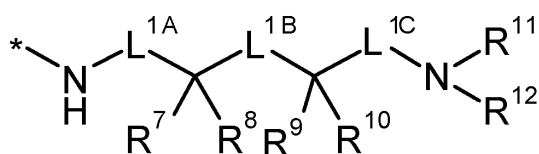
A represents CH₂, CD₂ or CH(CH₃),

R¹ represents (C₄-C₆)-alkyl, (C₃-C₇)-cycloalkyl or phenyl,
where (C₄-C₆)-alkyl may be substituted up to six times by fluorine,
where (C₃-C₇)-cycloalkyl may be substituted by 1 to 4 substituents
independently of one another selected from the group consisting of
fluorine, trifluoromethyl and (C₁-C₄)-alkyl,
and

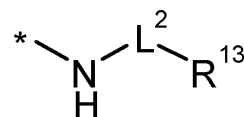
where phenyl may be substituted by 1 to 4 substituents independently of
one another selected from the group consisting of halogen, cyano,
monofluoromethyl, difluoromethyl, trifluoromethyl, (C₁-C₄)-alkyl, (C₁-
C₄)-alkoxy, difluoromethoxy and trifluoromethoxy,

R² represents hydrogen, (C₁-C₄)-alkyl, cyclopropyl, monofluoromethyl,
difluoromethyl or trifluoromethyl,

R³ represents a group of the formula



or



where

* represents the point of attachment to the carbonyl group,

- L^{1A} represents a bond or (C₁-C₄)-alkanediyl,
where (C₁-C₄)-alkanediyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, (C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl, hydroxy and (C₁-C₄)-alkoxy,
- L^{1B} represents a bond or (C₁-C₄)-alkanediyl,
- L^{1C} represents a bond or (C₁-C₄)-alkanediyl,
where (C₁-C₄)-alkanediyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, (C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl, hydroxy and (C₁-C₄)-alkoxy,
- R⁷ represents hydrogen, (C₁-C₆)-alkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-alkynyl, (C₃-C₇)-cycloalkyl, 5- or 6-membered heteroaryl or phenyl,
where (C₁-C₆)-alkyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, difluoromethoxy, trifluoromethoxy, hydroxy, (C₁-C₄)-alkoxy, (C₁-C₄)-alkoxycarbonyl, (C₁-C₄)-alkylsulphonyl, phenyl, phenoxy and benzyloxy,
where phenyl, phenoxy and benzyloxy for their part may be substituted by 1 to 3 halogen substituents,
where (C₃-C₇)-cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, (C₁-C₄)-alkyl and (C₁-C₄)-alkoxy,
and
where phenyl and 5- or 6-membered heteroaryl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of halogen, cyano, trifluoromethyl, (C₁-C₄)-alkyl, (C₁-C₄)-alkylsulphonyl and (C₁-C₄)-alkoxy,
- R⁸ represents hydrogen or (C₁-C₄)-alkyl,
or

R⁷ and R⁸ together with the carbon atom to which they are attached form a 3- to 7-membered carbocycle or a 4- to 7-membered heterocycle,

where the 3- to 7-membered carbocycle and the 4- to 7-membered heterocycle for their part may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and (C₁-C₄)-alkyl,

R⁹ represents hydrogen, (C₁-C₆)-alkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-alkynyl, (C₃-C₇)-cycloalkyl, 5- or 6-membered heteroaryl or phenyl,

where (C₁-C₆)-alkyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of fluorine, difluoromethyl, trifluoromethyl, difluoromethoxy, trifluoromethoxy, hydroxy, (C₁-C₄)-alkoxy, (C₁-C₄)-alkoxy-carbonyl, (C₁-C₄)-alkylsulphonyl, phenyl, phenoxy and benzyloxy,

where phenyl, phenoxy and benzyloxy for their part may be substituted by 1 to 3 halogen substituents,

where (C₃-C₇)-cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, (C₁-C₄)-alkyl and (C₁-C₄)-alkoxy, and

where phenyl and 5- or 6-membered heteroaryl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of halogen, cyano, trifluoromethyl, (C₁-C₄)-alkyl, (C₁-C₄)-alkoxy and (C₁-C₄)-alkylsulphonyl,

R¹⁰ represents hydrogen or (C₁-C₄)-alkyl,

or

R⁹ and R¹⁰ together with the carbon atom to which they are attached form a 3- to 7-membered carbocycle or a 4- to 7-membered heterocycle,

where the 3- to 7-membered carbocycle and the 4- to 7-membered heterocycle for their part may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and (C₁-C₄)-alkyl,

with the proviso that the radicals R⁷ and R⁹ do not both represent phenyl,
or

R⁷ and R⁹ together with the carbon atoms to which they are attached and with the group L^{1B} form a 5- to 7-membered carbocycle or a 4- to 7-membered heterocycle,

with the proviso that not more than one of the radical pairs R⁷ and R⁸, R⁹ and R¹⁰ and R⁷ and R⁹, respectively, forms a carbo- or heterocycle,

R¹¹ represents hydrogen or (C₁-C₄)-alkyl,
where (C₁-C₄)-alkyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, hydroxy and (C₁-C₄)-alkoxy,

R¹² represents hydrogen, (C₁-C₆)-alkyl, (C₃-C₇)-cycloalkyl, phenyl or benzyl,

where (C₁-C₆)-alkyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, hydroxy, (C₁-C₄)-alkoxy and phenoxy,
and

where phenyl and benzyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of halogen and trifluoromethyl,

or

R¹¹ and R¹² together with the nitrogen atom to which they are attached form a 4- to 7-membered azaheterocycle,

where the 4- to 7-membered azaheterocycle may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine,

trifluoromethyl, (C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl, hydroxy, (C₁-C₄)-alkoxy and 4- to 7-membered heterocyclyl,

and

L² represents a bond or (C₁-C₄)-alkanediyl,

R¹³ represents 5- to 9-membered azaheterocyclyl which is attached via a ring carbon atom,

where 5- to 9-membered azaheterocyclyl may be substituted by 1 to 5 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, (C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl and benzyl,

and

where 5- to 9-membered azaheterocyclyl may be fused to a phenyl ring which for its part may be substituted by 1 or 2 substituents selected from the group consisting of halogen, (C₁-C₄)-alkyl and trifluoromethyl,

R⁴ represents hydrogen,

R⁵ represents hydrogen, halogen, cyano, difluoromethyl, trifluoromethyl, (C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl, (C₂-C₄)-alkynyl, difluoromethoxy, trifluoromethoxy, (C₁-C₄)-alkoxy, amino, 4- to 7-membered heterocyclyl or 5- or 6-membered heteroaryl,

R⁶ represents hydrogen, cyano or halogen,

and its *N*-oxides, salts, solvates, salts of the *N*-oxides and solvates of the *N*-oxides and salts.

2. The compound of Claim 1 in which

A represents CH₂, CD₂ or CH(CH₃),

R¹ represents (C₄-C₆)-alkyl, (C₄-C₆)-cycloalkyl or phenyl,

where (C₄-C₆)-alkyl may be substituted up to six times by fluorine,

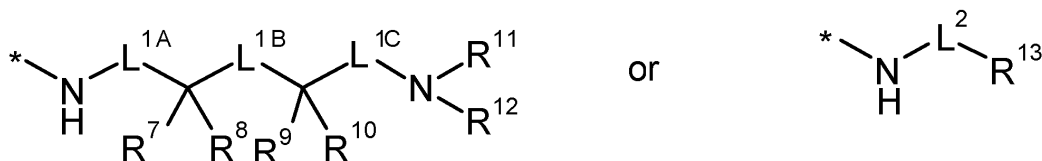
where (C₄-C₆)-cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl and methyl,

and

where phenyl may be substituted by 1 to 4 substituents independently of one another selected from the group consisting of fluorine, chlorine, cyano, methoxy, difluoromethyl, trifluoromethyl and methyl,

R^2 represents hydrogen, trifluoromethyl, (C_1-C_4) -alkyl or cyclopropyl,

R^3 represents a group of the formula



where

* represents the point of attachment to the carbonyl group,

L^{1A} represents a bond,

L^{1B} represents a bond, methylene or 1,2-ethanediyl,

L^{1C} represents a bond or methylene,

where methylene may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of trifluoromethyl, (C_1-C_4) -alkyl, cyclopropyl and cyclobutyl,

R^7 represents hydrogen, trifluoromethyl, (C_1-C_6) -alkyl, (C_3-C_6) -cycloalkyl, 5- or 6-membered heteroaryl or phenyl,

where (C_1-C_6) -alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, difluoromethoxy, trifluoromethoxy, hydroxy, (C_1-C_4) -alkoxy, phenyl, phenoxy and benzyloxy,

where phenyl, phenoxy and benzyloxy for their part may be substituted by 1 or 2 substituents selected from the group consisting of fluorine and chlorine,

where (C_3-C_6) -cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl and ethyl,

and

where phenyl and 5- or 6-membered heteroaryl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, chlorine, cyano, methyl and trifluoromethyl,

R⁸ represents hydrogen, methyl or ethyl,

or

R⁷ and R⁸ together with the carbon atom to which they are attached form a 3- to 6-membered carbocycle or an oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring,

where the 3- to 6-membered carbocycle and the oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and methyl,

R⁹ represents hydrogen, 1,1,2,2-tetrafluoroethyl, trifluoromethyl, (C₁-C₆)-alkyl, (C₃-C₆)-cycloalkyl, 5- or 6-membered heteroaryl or phenyl,

where (C₁-C₆)-alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, difluoromethoxy, trifluoromethoxy, hydroxy, (C₁-C₄)-alkoxy, phenyl, phenoxy and benzyloxy,

where phenyl, phenoxy and benzyloxy for their part may be substituted by 1 or 2 substituents selected from the group consisting of fluorine and chlorine,

where (C₃-C₆)-cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl and ethyl,

and

where phenyl and 5- or 6-membered heteroaryl may be substituted by 1 or 2 substituents independently of one another selected from

the group consisting of fluorine, chlorine, cyano, methyl and trifluoromethyl,

R^{10} represents hydrogen, methyl or ethyl,

or

R^9 and R^{10} together with the carbon atom to which they are attached form a 3- to 6-membered carbocycle or an oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring,

where the 3- to 6-membered carbocycle and the oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and methyl,

with the proviso that the radicals R^7 and R^9 do not both represent phenyl,

or

R^7 and R^9 together with the carbon atoms to which they are attached and with the group L^{1B} form a cyclopentyl, cyclohexyl, azetidiny, oxetanyl, pyrrolidinyl, tetrahydrofuranyl, piperidinyl or tetrahydropyranyl ring,

with the proviso that not more than one of the radical pairs R^7 and R^8 , R^9 and R^{10} and R^7 and R^9 , respectively, forms one of the carbo- or heterocycles mentioned above,

R^{11} represents hydrogen or (C_1-C_3) -alkyl,

where (C_1-C_3) -alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, hydroxy, methoxy and ethoxy,

R^{12} represents hydrogen, (C_1-C_4) -alkyl, cyclopropyl, cyclobutyl, phenyl or benzyl,

where (C_1-C_4) -alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, hydroxy, (C_1-C_4) -alkoxy and phenoxy,

and

where phenyl and benzyl may be substituted by 1 to 3 substituents independently of one another selected from the group consisting of fluorine, chlorine and trifluoromethyl,

or

R^{11} and R^{12} together with the nitrogen atom to which they are attached form an azetidiny, pyrrolidiny, piperidiny, morpholiny, piperaziny, thiomorpholiny or 1,1-dioxothiomorpholiny ring,

where the azetidiny, pyrrolidiny, piperidiny, morpholiny, piperaziny, thiomorpholiny and 1,1-dioxothiomorpholiny ring may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl, ethyl, cyclopropyl, cyclobutyl, azetidiny, pyrrolidiny and piperidiny,

and

L^2 represents a bond, methylene or 1,1-ethanediyl,

R^{13} represents pyrrolidiny, piperidiny, 1,2,3,4-tetrahydroisoquinoliny, 1,2,3,4-tetrahydroquinoliny, indoliny, 8-azabicyclo[3.2.1]octany, 9-azabicyclo[3.3.1]nonany, 3-azabicyclo-[4.1.0]heptany and quinuclidiny attached via a ring carbon atom,

where pyrrolidiny, piperidiny, 1,2,3,4-tetrahydroisoquinoliny, 1,2,3,4-tetrahydroquinoliny, indoliny, 8-azabicyclo[3.2.1]octany, 9-aza-bicyclo[3.3.1]nonany, 3-azabicyclo[4.1.0]heptany and quinuclidiny may be substituted by 1 to 5 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl, ethyl, cyclopropyl, cyclobutyl and benzyl,

R^4 represents hydrogen,

R^5 represents hydrogen, fluorine, chlorine, bromine, cyano, methyl, ethyl or cyclopropyl,

R^6 represents hydrogen or fluorine,

and its *N*-oxides, salts, solvates, salts of the *N*-oxides and solvates of the *N*-oxides and salts.

3. The compound of Claim 1 in which

A represents CH_2 ,

R^1 represents (C_4-C_6) -alkyl, (C_4-C_6) -cycloalkyl or phenyl,

where (C_4-C_6) -alkyl may be substituted up to six times by fluorine,

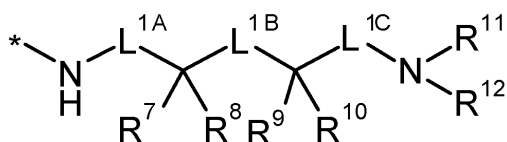
where (C_4-C_6) -cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl and methyl,

and

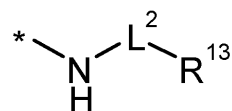
where phenyl may be substituted by 1 to 4 substituents independently of one another selected from the group consisting of fluorine, chlorine, difluoromethyl, trifluoromethyl and methyl,

R^2 represents (C_1-C_3) -alkyl, trifluoromethyl or cyclopropyl,

R^3 represents a group of the formula



or



where

* represents the point of attachment to the carbonyl group,

L^{1A} represents a bond,

L^{1B} represents a bond or methylene,

L^{1C} represents a bond or methylene,

where methylene may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of trifluoromethyl, (C_1-C_4) -alkyl, cyclopropyl and cyclobutyl,

R⁷ represents hydrogen, trifluoromethyl, (C₁-C₆)-alkyl, (C₃-C₆)-cycloalkyl or phenyl,

where (C₁-C₆)-alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, hydroxy, (C₁-C₄)-alkoxy, phenyl, phenoxy and benzyloxy,

where phenyl, phenoxy and benzyloxy for their part may be substituted by 1 or 2 substituents selected from the group consisting of fluorine and chlorine,

where (C₃-C₆)-cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl and ethyl,

and

where phenyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, chlorine, cyano and trifluoromethyl,

R⁸ represents hydrogen, methyl or ethyl,

or

R⁷ and R⁸ together with the carbon atom to which they are attached form a 3- to 6-membered carbocycle or an oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring,

where the 3- to 6-membered carbocycle and the oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and methyl,

R⁹ represents hydrogen, trifluoromethyl, (C₁-C₆)-alkyl, (C₃-C₆)-cycloalkyl or phenyl,

where (C₁-C₆)-alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of

fluorine, trifluoromethyl, hydroxy, (C₁-C₄)-alkoxy, phenyl, phenoxy and benzyloxy,

where phenyl, phenoxy and benzyloxy for their part may be substituted by 1 or 2 substituents selected from the group consisting of fluorine and chlorine,

where (C₃-C₆)-cycloalkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl and ethyl,

and

where phenyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, chlorine, cyano and trifluoromethyl,

R¹⁰ represents hydrogen, methyl or ethyl,

or

R⁹ and R¹⁰ together with the carbon atom to which they are attached form a 3- to 6-membered carbocycle or an oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring,

where the 3- to 6-membered carbocycle and the oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, azetidiny, pyrrolidinyl or piperidinyl ring may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and methyl,

with the proviso that the radicals R⁷ and R⁹ do not both represent phenyl,

or

R⁷ and R⁹ together with the carbon atoms to which they are attached and with the group L^{1B} form a cyclopentyl, cyclohexyl, azetidiny, oxetanyl, pyrrolidinyl, tetrahydrofuranyl, piperidinyl or tetrahydropyranyl ring,

with the proviso that not more than one of the radical pairs R^7 and R^8 , R^9 and R^{10} and R^7 and R^9 , respectively, forms one of the carbo- or heterocycles mentioned above,

R^{11} represents hydrogen or (C_1-C_3) -alkyl,
where (C_1-C_3) -alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and trifluoromethyl,

R^{12} represents hydrogen, (C_1-C_4) -alkyl, cyclopropyl or cyclobutyl,
where (C_1-C_4) -alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and trifluoromethyl,

or

R^{11} and R^{12} together with the nitrogen atom to which they are attached form an azetidiny, pyrrolidiny, piperidiny or morpholiny ring,

where the azetidiny, pyrrolidiny, piperidiny and morpholiny ring may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl, ethyl, cyclopropyl and cyclobutyl,

and

L^2 represents a bond or methylene,

R^{13} represents pyrrolidiny, piperidiny, 1,2,3,4-tetrahydroisoquinoliny, 1,2,3,4-tetrahydroquinoliny, indoliny, 8-azabicyclo[3.2.1]octany, 9-azabicyclo[3.3.1]nonany, 3-azabicyclo[4.1.0]heptany and quinuclidiny attached via a ring carbon atom,

or

where pyrrolidiny, piperidiny, 1,2,3,4-tetrahydroisoquinoliny, 1,2,3,4-tetrahydroquinoliny, 8-azabicyclo[3.2.1]octany, 9-azabicyclo-[3.3.1]nonany, 3-azabicyclo[4.1.0]heptany and

quinuclidinyl may be substituted by 1 to 5 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, methyl, ethyl, cyclopropyl, cyclobutyl and benzyl,

R^4 represents hydrogen,

R^5 represents hydrogen, fluorine, chlorine, methyl, ethyl or cyclopropyl,

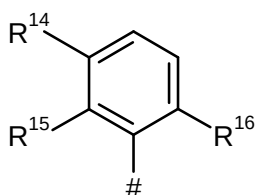
R^6 represents hydrogen,

and its *N*-oxides, salts, solvates, salts of the *N*-oxides and solvates of the *N*-oxides and salts.

4. The compound of Claim 1 in which

A represents CH_2 ,

R^1 represents a phenyl group of the formula



where

represents the point of attachment to A,

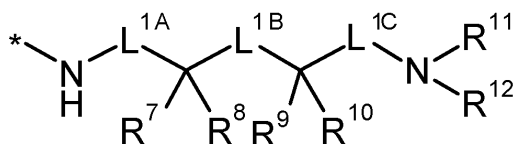
and

R^{14} , R^{15} and R^{16} independently of one another represent hydrogen, fluorine or chlorine,

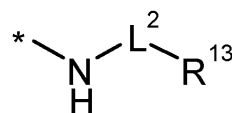
with the proviso that at least two of the radicals R^{14} , R^{15} , R^{16} are different from hydrogen,

R^2 represents methyl,

R^3 represents a group of the formula



or



where

- * represents the point of attachment to the carbonyl group,
- L^{1A} represents a bond,
- L^{1B} represents a bond,
- L^{1C} represents a bond,
- R⁷ represents hydrogen, trifluoromethyl, (C₁-C₆)-alkyl, (C₃-C₆)-cycloalkyl or phenyl,
where (C₁-C₆)-alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, hydroxy, (C₁-C₄)-alkoxy and phenyl,
and
where phenyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and chlorine,
- R⁸ represents hydrogen, methyl or ethyl,
- R⁹ represents hydrogen, trifluoromethyl, (C₁-C₆)-alkyl, cyclopropyl or phenyl,
where (C₁-C₆)-alkyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine, trifluoromethyl, hydroxy, (C₁-C₄)-alkoxy and phenyl,
and
where phenyl may be substituted by 1 or 2 substituents independently of one another selected from the group consisting of fluorine and chlorine,
- R¹⁰ represents hydrogen, methyl or ethyl,
or
R⁹ and R¹⁰ together with the carbon atom to which they are attached form a 3- to 6-membered carbocycle or an oxetanyl ring,
with the proviso that the radicals R⁷ and R⁹ do not both represent phenyl,
or
R⁷ and R⁹ together with the carbon atoms to which they are attached and the group L^{1B} form a cyclopentyl or cyclohexyl ring,

with the proviso that not more than one of the radical pairs R⁹ and R¹⁰ and R⁷ and R⁹, respectively, forms one of the carbo- or heterocycles mentioned above,

R¹¹ represents hydrogen,

R¹² represents hydrogen,

and

L² represents a bond,

R¹³ represents piperidin-2-yl, piperidin-3-yl, piperidin-4-yl or 1,2,3,4-tetrahydroquinolin-4-yl,

where piperidin-2-yl, piperidin-3-yl and piperidin-4-yl may be substituted by 1 to 5 substituents independently of one another selected from trifluoromethyl and methyl,
and

where 1,2,3,4-tetrahydroquinolin-4-yl may be substituted by fluorine or trifluoromethyl,

R⁴ represents hydrogen,

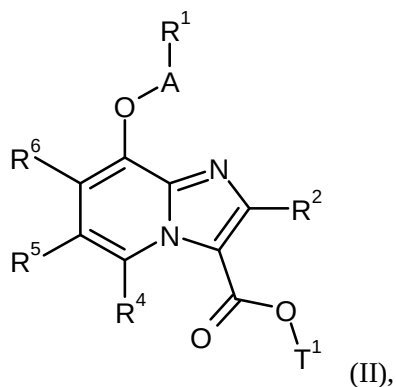
R⁵ represents hydrogen, fluorine, chlorine or methyl,

R⁶ represents hydrogen,

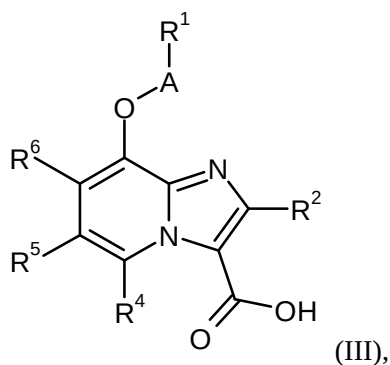
and its *N*-oxides, salts, solvates, salts of the *N*-oxides and solvates of the *N*-oxides and salts.

5. A process for preparing the compounds of the formula (I) as defined in Claim 1, comprising:

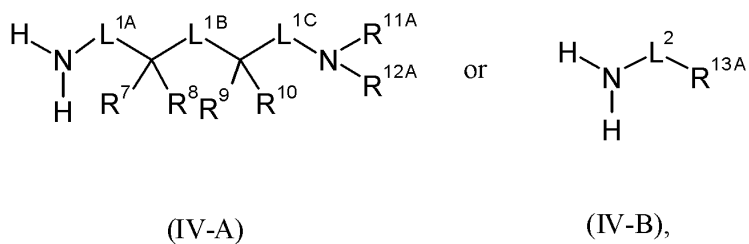
[A] reacting a compound of formula (II)



in which A, R¹, R², R⁴, R⁵ and R⁶ each have the meanings given in Claim 1, and T¹ represents (C₁-C₄)-alkyl or benzyl, in an inert solvent in the presence of a suitable base or acid to give a carboxylic acid of formula (III)



in which A, R¹, R², R⁴, R⁵ and R⁶ each have the meanings given above, and this is subsequently reacted in an inert solvent under amide coupling conditions with an amine of formula (IV-A) or (IV-B)

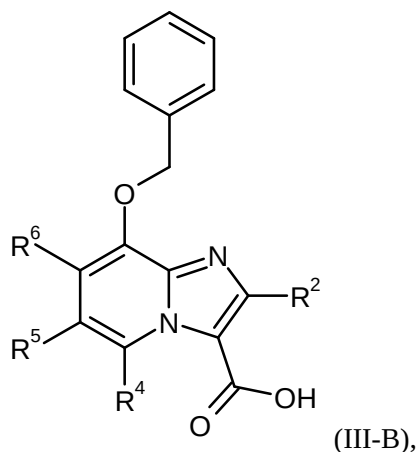


in which L^{1A}, L^{1B}, L^{1C}, L², R⁷, R⁸, R⁹, and R¹⁰ each have the meanings given above and

R^{11A} , R^{12A} and R^{13A} have the meanings given above for R^{11} , R^{12} and R^{13} , respectively, or represent an amino protective group, for example tert-butoxycarbonyl, benzyloxycarbonyl or benzyl,

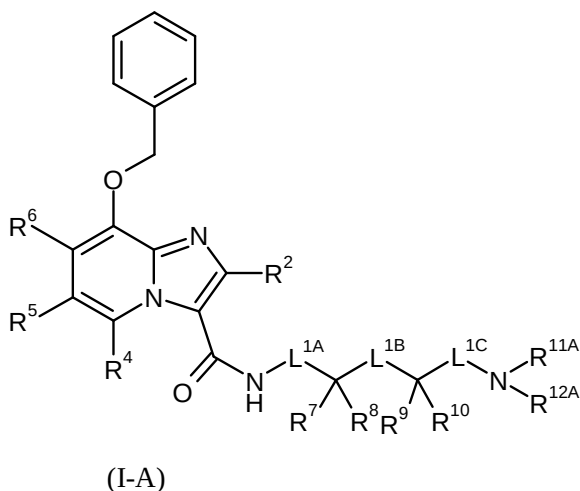
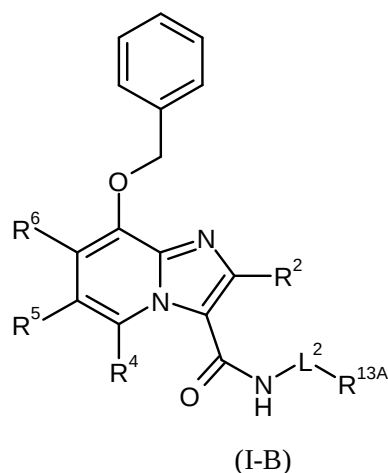
or

[B] reacting a compound of formula (III-B)



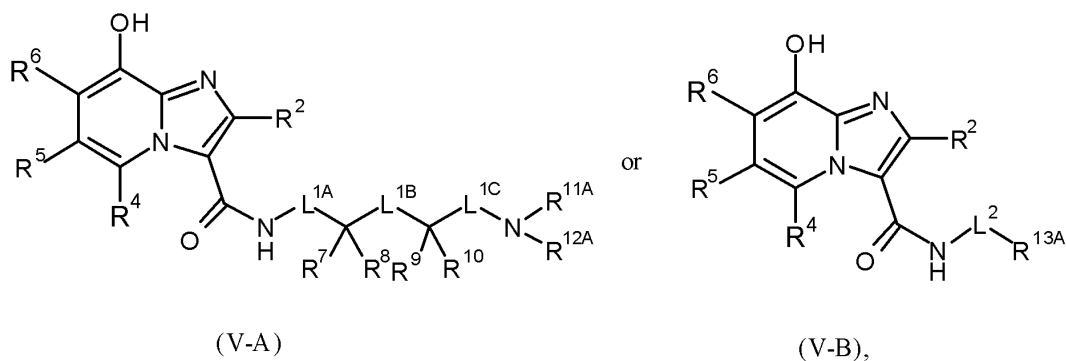
in which R^2 , R^4 , R^5 and R^6 each have the meanings given above,

in an inert solvent under amide coupling conditions with an amine of the formula (IV) to give a compound of the formula (I-A) and (I-B),



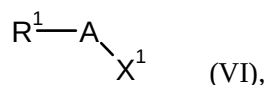
in which R^2 , R^4 , R^5 , R^6 , L^{1A} , L^{1B} , L^{1C} , L^2 , R^7 , R^8 , R^9 , R^{10} , R^{11A} , R^{12A} and R^{13A} each have the meanings given above,

removing the benzyl group from the compound of formula (I-A) or (I-B) using methods known to the person skilled in the art and reacting the resulting compound of formula (V-A) or (V-B)



in which R^2 , R^4 , R^5 , R^6 , L^{1A} , L^{1B} , L^{1C} , L^2 , R^7 , R^8 , R^9 , R^{10} , R^{11A} , R^{12A} and R^{13A} each have the meanings given above,

in an inert solvent in the presence of a suitable base with a compound of formula (VI)



in which A and R^1 have the meanings given above and

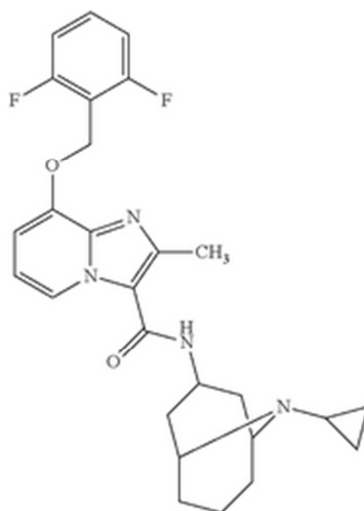
X^1 represents a suitable leaving group, in particular chlorine, bromine, iodine, mesylate, triflate or tosylate,

removing any protective groups present, and the resulting compound of formula (I) is optionally converted with the appropriate (i) solvent and/or (ii) acid or base into the solvate, salt and/or solvate of a salt thereof.

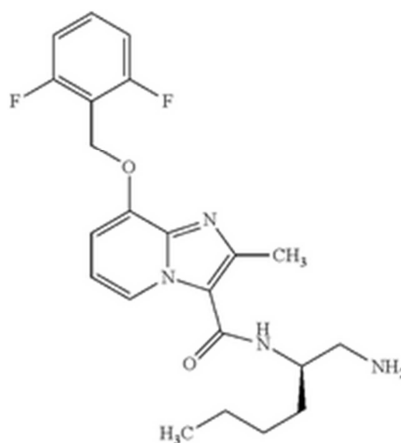
6. A pharmaceutical composition, comprising a compound of claim 1 and an inert, non-toxic, pharmaceutically suitable auxiliary.
7. The pharmaceutical composition of claim 6, further comprising and an active compound selected from the group consisting of an organic nitrate, an NO donor,

a cGMP-PDE inhibitor, an agent having antithrombotic activity, an agent lowering blood pressure, and an agent altering lipid metabolism.

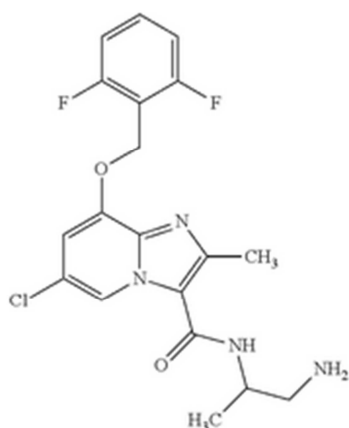
8. The compound according to claim 1, wherein the compound of formula (I) is selected from the group consisting of:



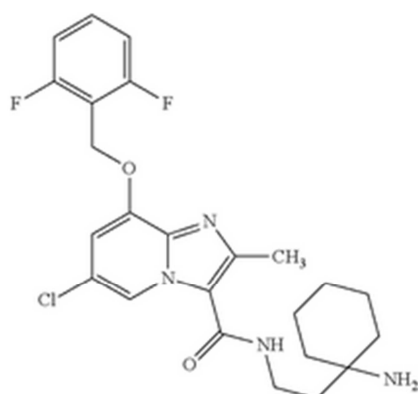
N-(9-Cyclopropyl-9-azabicyclo[3.3.1]non-3-yl)-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]pyridine-3-carboxamide;



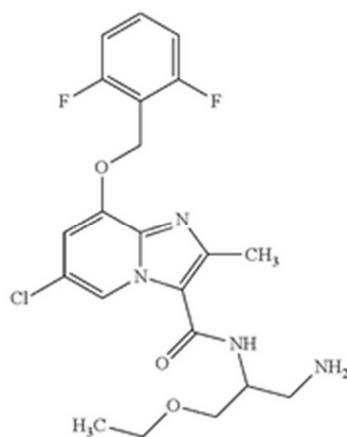
N-[(2R)-1-Aminohexan-2-yl]-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]pyridine-3-carboxamide;



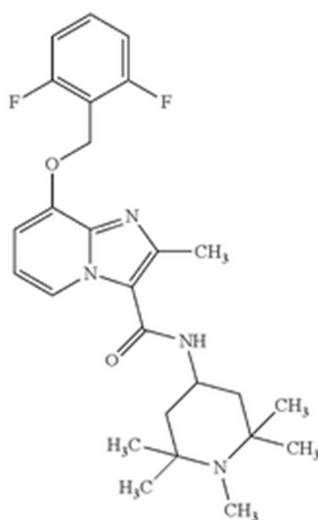
ent-N-(1-aminopropan-2-yl)-6-chloro-8-[(2,6- difluorobenzyl)oxy]-2-methylimidazo[1,2-a]- pyridine-3-carboxamide;



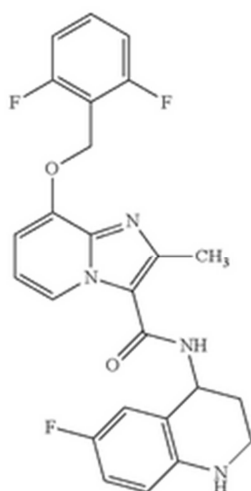
N-[2-(1-Aminocyclohexyl)ethyl]-6-chloro-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]-pyridine-3-carboxamide;



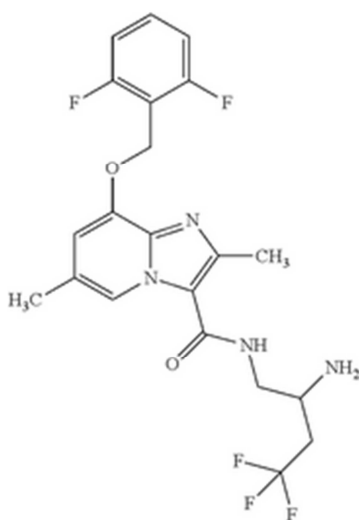
ent-N-[1-amino-3-ethoxypropan-2-yl]-6-chloro-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B);



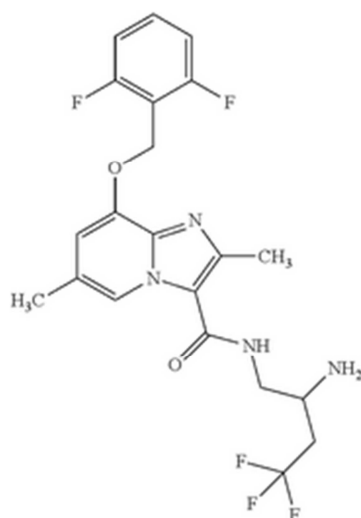
8-[(2,6-difluorobenzyl)oxy]-2-methyl-N-(1,2,2,6,6-pentamethylpiperidin-4-yl)imidazo[1,2-a]pyridine-3-carboxamide;



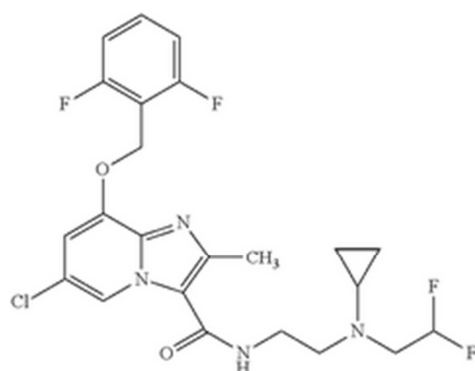
ent-8-[(2,6-difluorobenzyl)oxy]-N-(6-fluoro-1,2,3,4-tetrahydroquinolin-4-yl)-2-methylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B);



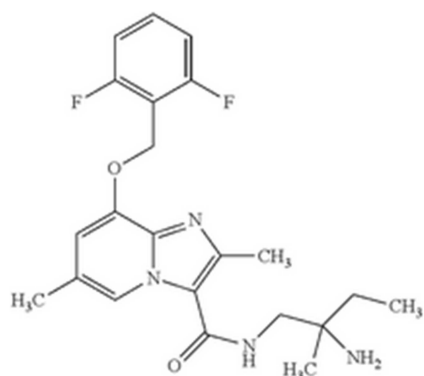
ent-N-(2-Amino-4,4,4-trifluorobutyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer A);



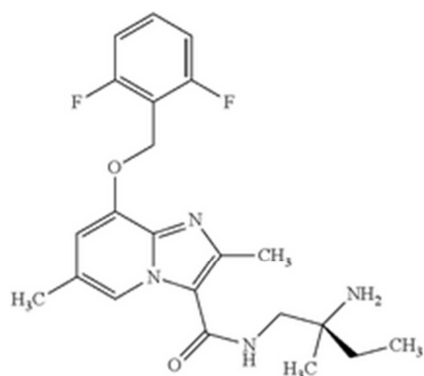
ent-N-(2-Amino-4,4,4-trifluorobutyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B);



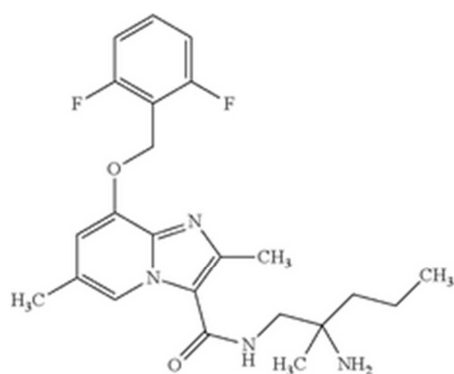
6-chloro-N-{2-[cyclopropyl(2,2-difluoroethyl)-amino]ethyl}-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]pyridine-3-carboxamide;



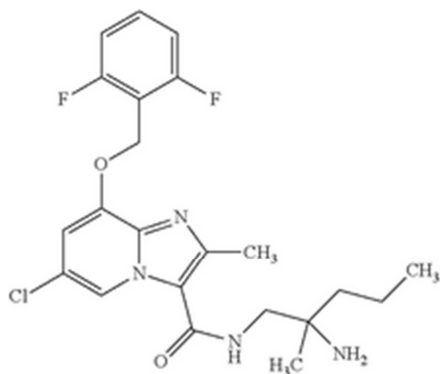
rac-N-(2-amino-2-methylbutyl)-8-[(2,6- difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]- pyridine-3-carboxamide;



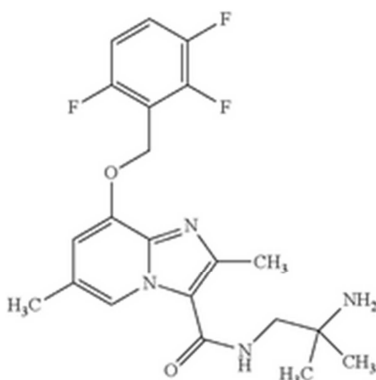
ent-N-[(2S)-Amino-2-methylbutyl]-8-[(2,6-difluorobenzyl)oxy]-2,6- dimethylimidazo[1,2-a]-pyridine-3-carboxamide (enantiomer A);



ent-N-(2-Amino-2-methylpentyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B);

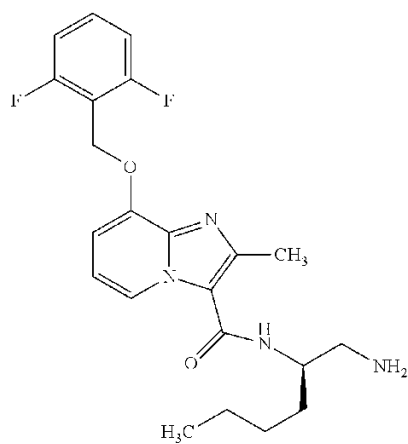


ent-N-(2-Amino-2-methylpentyl)-6-chloro-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer A); and

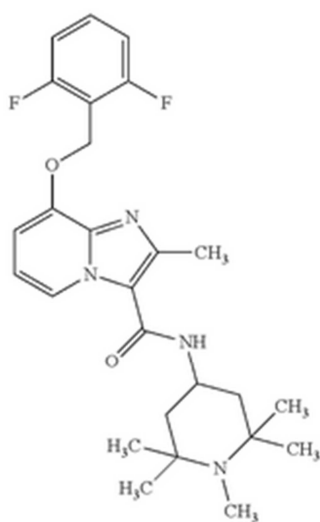


N-(2-Amino-2-methylpropyl)-2,6-dimethyl-8-[(2,3,6-trifluorobenzyl)oxy]imidazo[1,2-a]pyridine-3-carboxamide.

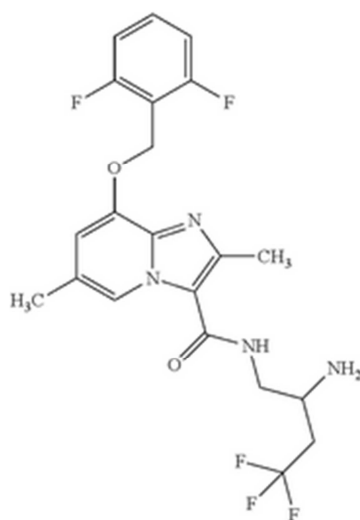
9. The compound according to claim 1, wherein the compound is selected from the group consisting of:



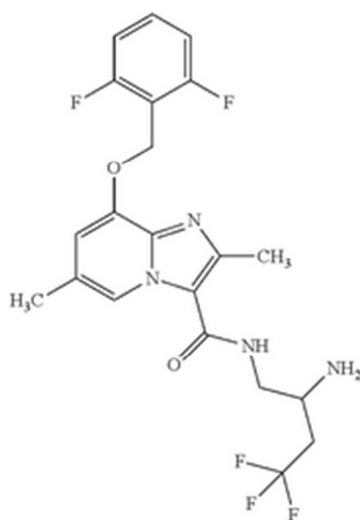
N-[(2R)-1-Aminohexan-2-yl]-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]pyridine-3-carboxamide;



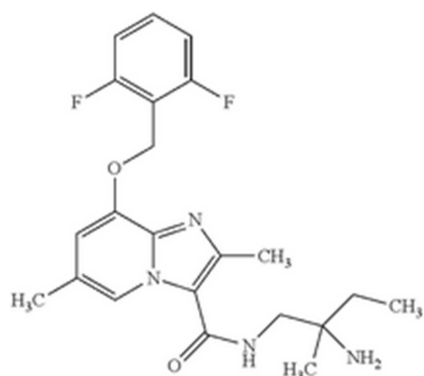
8-[(2,6-difluorobenzyl)oxy]-2-methyl-N-(1,2,2,6,6-pentamethylpiperidin-4-yl)imidazo[1,2-a]pyridine-3-carboxamide;



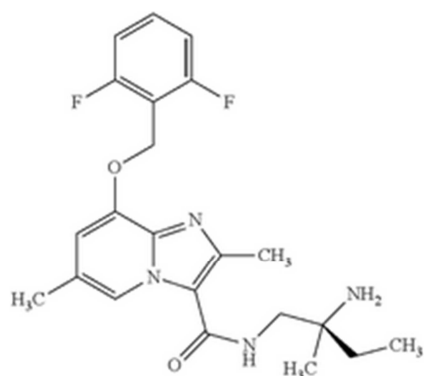
ent-N-(2-Amino-4,4,4-trifluorobutyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer A);



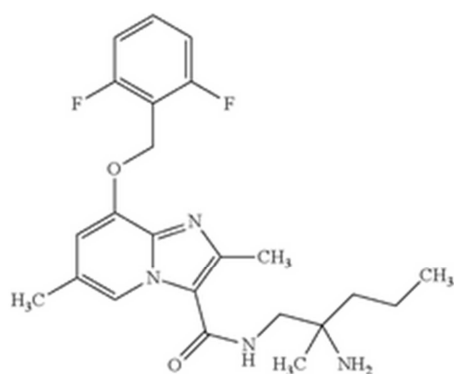
ent-N-(2-Amino-4,4,4-trifluorobutyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B);



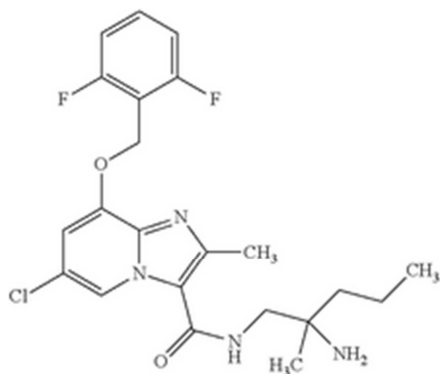
rac-N-(2-amino-2-methylbutyl)-8-[(2,6- difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]- pyridine-3-carboxamide;



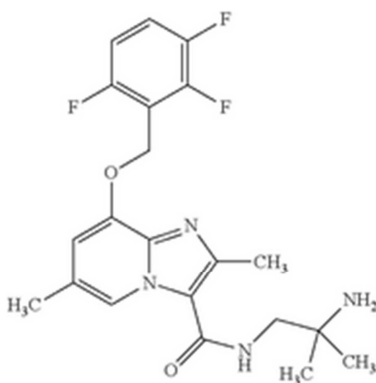
ent-N-[(2S)-Amino-2-methylbutyl]-8-[(2,6-difluorobenzyl)oxy]-2,6- dimethylimidazo[1,2-a]-pyridine-3-carboxamide (enantiomer A);



ent-N-(2-Amino-2-methylpentyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B);

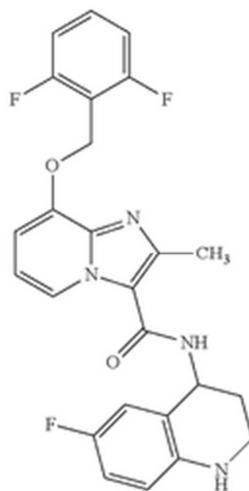


ent-N-(2-Amino-2-methylpentyl)-6-chloro-8-[(2,6-difluorobenzyl)oxy]-2-methylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer A); and

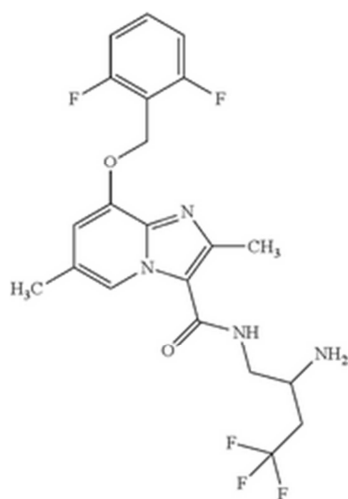


N-(2-Amino-2-methylpropyl)-2,6-dimethyl-8-[(2,3,6-trifluorobenzyl)oxy]imidazo[1,2-a]pyridine-3-carboxamide.

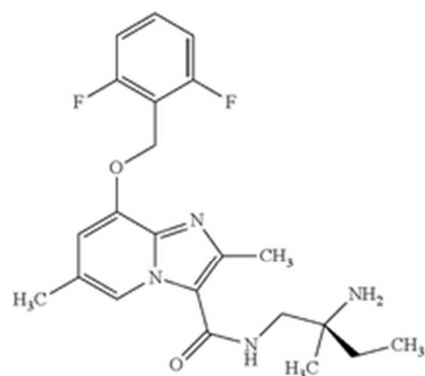
10. The compound according to claim 1, wherein the compound of formula (I) is ent-8-[(2,6-difluorobenzyl)oxy]-N-(6-fluoro-1,2,3,4-tetrahydroquinolin-4-yl)-2-methylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B):



11. The compound according to claim 1, wherein the compound of formula (I) is selected from the group consisting of the enantiomers of ent-N-(2-Amino-4,4,4-trifluorobutyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]-pyridine-3-carboxamide:



12. The compound according to claim 1, wherein the compound of formula (I) is ent-N-[(2S)-Amino-2-methylbutyl]-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]-pyridine-3-carboxamide (enantiomer A):



13. The compound according to claim 1, wherein the compound of formula (I) is ent-N-(2-Amino-2-methylpentyl)-8-[(2,6-difluorobenzyl)oxy]-2,6-dimethylimidazo[1,2-a]pyridine-3-carboxamide (enantiomer B):

