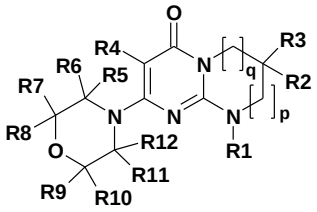
CLAIMS

1) Products of formula (I):



in which:

p and q are the integers 0 or 1 or 2 such that, if p = 0, then q = 1 or 2 and, if p = 1 or 2, then q = 0;

R1 is chosen from the following values a) to e):

a) R1 is a phenyl or pyridyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from halogen atoms and cycloalkyl, alkyl and alkoxy radicals, the latter alkyl and alkoxy radicals being themselves optionally substituted with one or more fluorine atoms;

b) R1 is a $-(CH_2)_m$-Ra radical with m being the integer 1 or 2 and Ra an optionally substituted aryl or heteroaryl radical, or a -CO-cycloalkyl, -CO-heterocycloalkyl, -CO-Rb, -C(Rb)=N-ORc, $-CO_2$Rd or -CONRxRy radical;

c) R1 is an alkenyl radical; cycloalkyl radical; heterocycloalkyl radical; or an alkyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, cycloalkyl, heterocycloalkyl, phenyl, pyridine and alkoxy radicals, the latter phenyl, pyridine and alkoxy radicals being themselves optionally substituted with one or more fluorine atoms;

d) R1 is an $-SO_2$-Rb radical;

e) R1 is a -CO-Re radical;

Rb is an optionally substituted alkyl, cycloalkyl, aryl or heteroaryl radical;

Rc is a hydrogen atom or an alkyl radical;

Rd is an alkyl or cycloalkyl radical;

Re is an optionally substituted alkyl, cycloalkyle, heterocycloalkyl, aryl or heteroaryl radical;

NRxRy being such that Rx and Ry, which may be identical or different, are chosen from a hydrogen atom and alkyl, cycloalkyl, alkoxy and phenyl radicals; or Rx and Ry form, with the nitrogen atom to which they are bonded, a cyclic radical containing from 3 to 7 ring members and optionally one or more other heteroatoms chosen from O, NH and N-alkyl;

R2 and R3, which may be identical or different, are chosen from a hydrogen atom and an alkyl radical optionally substituted with one or more fluorine atoms, it being understood that R2 and R3 are not both CF_3 and R2 and R3 are not both hydrogen;

R4 is a hydrogen atom, a fluorine or chlorine atom, a methyl radical or a CN radical;

the morpholine residue is substituted with the radicals R5 to R12, which may be identical or different, chosen from a hydrogen atom and methyl and ethyl radicals optionally substituted with a fluorine atom or a hydroxyl radical, it being understood that, either at least one of R5 to R12 is not a hydrogen atom, or this morpholine residue contains a bridge defined as follows: R7 or R8 can form an ethylene bridge with R9 or R10, or else R7 or R8 can form a methylene bridge of absolute configuration R,R with R11 or R12, or else R5 or R6 can form a methylene bridge of absolute configuration R,R with R9 or R10 so as to give the following radicals:



and the isomer of configuration R,R


the aryl and heteroaryl radicals that Ra, Rb and Re may represent, and also the alkyl radicals that Rb and Re may represent, being optionally substituted with one or more radicals, which may be identical or different, chosen from halogen atoms and cycloalkyl, heterocycloalkyl, heteroaryl and alkoxy

radicals, the latter heteroaryl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

the aryl and heteroaryl radicals that Ra, Rb and Re may represent being, in addition, optionally substituted with one or more alkyl radicals themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl and alkoxy radicals;

all the cycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being, in addition, optionally substituted with a CO_2alk radical, where appropriate on a nitrogen atom;

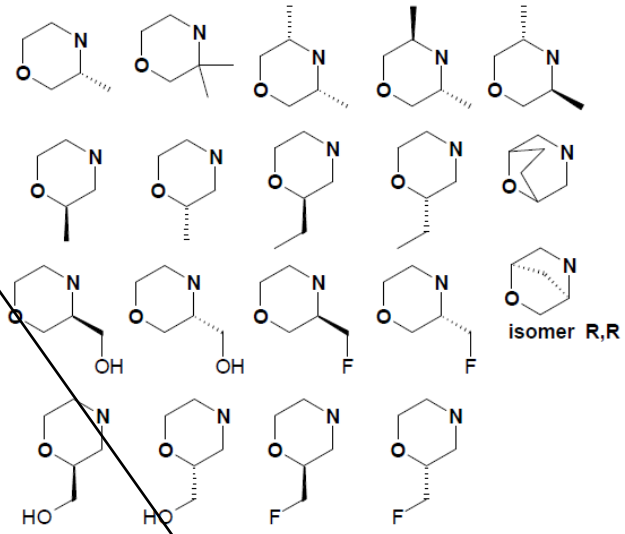
all the alkyl (alk), alkylene and alkoxy radicals above being linear or branched and containing at most 7 carbon atoms,

it being understood that one or more of the hydrogen atoms of said products of formula (I) can be a deuterium atom;

it being understood that, when p = 0 and one of R2 and R3 is an alkyl radical and the other an alkyl radical substituted with one or more fluorine atoms, then R1 is not a phenyl or pyridyl radical as defined in a) above,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

2) Products of formula (I) as defined in Claim 1, in which the morpholine residue is chosen from the following radicals:



the radicals p, q, R1, R2, R3 and R4 having the meanings indicated in Claim 1,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

3) Products of formula (I) as defined in Claim 1 or 2, in which p is the integer 0 and q is the integer 2 or else p is the integer 2 and q is the integer 0;

the radicals R1, R2, R3 and R4 and the morpholine residue having the meanings indicated in Claim 1,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

4) Products of formula (I) as defined in Claim 1 or 2, in which p is the integer 0 and q is the integer 1 or else p is the integer 1 and q is the integer 0;

the radicals R1, R2, R3 and R4 and the morpholine residue having the meanings indicated in Claim 1,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

5) Products of formula (I) as defined in Claim 1 or 2, in which:

p and q are the integers 0 or 1 or 2 such that, if p = 0, then q = 1 or 2 and, if p = 1 or 2, then q = 0;

R1 is a phenyl or pyridyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine and chlorine atoms and cycloalkyl, alkyl and alkoxy radicals, the latter alkyl and alkoxy radicals being themselves optionally substituted with one or more fluorine atoms; a $-(CH_2)_m$-Ra radical; an $–SO_2$-phenyl radical optionally substituted with an alkyl radical; a -CO-alkyl radical; an alkenyl radical; or an alkyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, oxetane, tetrahydrofuran, tetrahydropyran, alkoxy, phenyl and pyridine radicals, the latter three radicals all being optionally substituted with one or more fluorine atoms;

m is the integer 1 or 2;

Ra is a radical -CO-Rb; -C(cycloalkyl)=N-ORc; CO_2Rd; -CONRxRy; a -CO-cyclopropyl, -CO-cyclobutyl, -CO-cyclopentyl or -CO-cyclohexyl radical, all optionally substituted with one or more alkyl radicals; a -CO-morpholine, -CO-

piperidyl, -CO-tetrahydrofuran, -CO-tetrahydropyran or -CO-pyrrolidine radical, all optionally substituted with one or more alkyl radicals or a CO_2alk radical, where appropriate on a nitrogen atom; or else a phenyl, pyridine, oxazole, isoxazole, oxadiazole, pyrazole, thiophene, thiazole, thiadiazole, pyridazine, benzimidazole, imidazopyridine or triazole radical, all optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine and chlorine halogen atoms and cycloalkyl, heterocycloalkyl, heteroaryl, alkyl and alkoxy radicals, the latter heteroaryl, alkyl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

Rb is an alkyl, phenyl, pyridyl, thiazole, isoxazole, oxazole or oxadiazole radical, all optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine and chlorine halogen atoms and cycloalkyl, heterocycloalkyl, phenyl, heteroaryl, alkyl and alkoxy radicals, the latter phenyl, heteroaryl, heterocycloalkyl, alkyl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

Rc is in particular a hydrogen atom or an alkyl radical;

Rd is an alkyl or cycloalkyl radical;

NRxRy are such that Rx and Ry, which may be identical or different, are a hydrogen atom or an alkyl, alkoxy or phenyl radical or else together form a piperidyl, morpholinyl, azetidine, oxaazaspiro[3.3]heptane, isoxazolidine or {1,2}oxazinane radical;

R2 and R3 are such that:

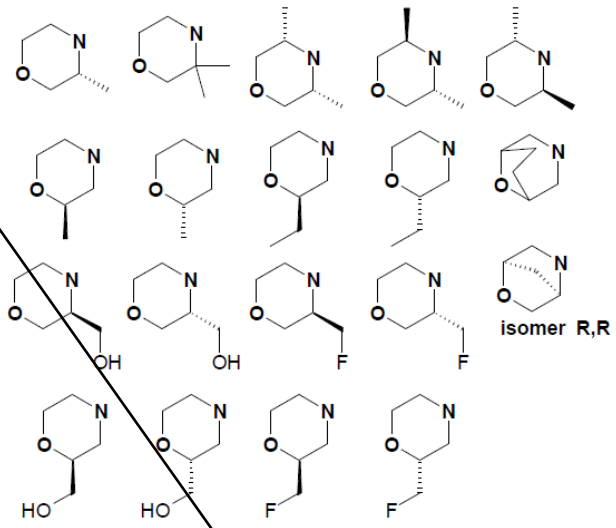
either R2 is a hydrogen atom and R3 is the trifluoromethyl radical CF_3;

or R2 is a methyl radical and R3 is the trifluoromethyl radical CF_3;

or R2 and R3 are both a methyl radical;

R4 is a hydrogen atom, a fluorine or chlorine atom, a methyl radical or a CN radical;

the morpholine residue is chosen from the following radicals:



said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

6) Products of formula (I) as defined in any one of the other claims, corresponding to the following formulae:

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-fluoropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxopropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-((S)-2-hydroxypropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-isoxazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(2-Chloropyridin-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid ethyl ester

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-methoxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 2-[(S)-7-Fluoro-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]-N-methoxy-N-methylacetamide

- (S)-9-(6-Fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(2-Fluoropyridin-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Cyclopropyl-2-oxoethyl)-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(1-Difluoromethyl-1H-pyrazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-3-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chlorothiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-5-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoro-2-phenylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-3-Fluoro-9-(2-methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Cyclopropylpyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-isoxazol-5-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-pyridin-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(2,2,2-trifluoroethoxy)-ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-hydroxy-2-methylpropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(6-fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Difluoromethylpyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-tert-Butyl-[1,2,4]oxadiazol-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-pyridin-4-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-fluoropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-[2-(3-fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(3-Fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(2-Methoxypyridin-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(6-Fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Imidazo[1,2-a]pyridin-2-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(4-Chloropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Chloropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-3-pyridin-2-ylpropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-thiazol-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-thiazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(5-Fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 3-Fluoro-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 3-Fluoro-9-isoxazol-3-ylmethyl-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-3-fluoro-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Fluorophenyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-thiazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-8-trifluoromethyl-9-(6-trifluoromethylpyridin-3-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-(2,2,2-trifluoroethoxy)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(6-methylpyridin-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxy-2-methylpropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Isopropoxypyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chloropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-thiazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Cyclobutylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropylpyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Methoxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Fluoropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2,5-Dimethyloxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chloropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,3,4]oxadiazol-2-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3,3-Dimethyl-2-oxobutyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-((S)-2-Methoxy-2-phenylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methylisoxazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(toluene-4-sulfonyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-Isoxazol-5-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-Isoxazol-3-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Cyclopropylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Chloropyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-4-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Chloropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Hydroxy-2-methylpropyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Isopropoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Chloropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Isopropoxypyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-5-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Cyclopropyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-9-(2-methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Difluoromethylpyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Chloropyridin-4-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,3,4]thiadiazol-2-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Difluoromethoxypyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(4-methyl-[1,2,3]thiadiazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Difluoromethoxypyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxetan-3-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-(6-Difluoromethylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydrofuran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydrofuran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydropyran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydropyran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-8-trifluoromethyl-9-(5-trifluoromethyl-[1,3,4]oxadiazol-2-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Cyclopropyl-[1,3,4]oxadiazol-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(3-Methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-6-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxopropyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-9-(3-methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(3-Cyclopropyl-[1,2,4]oxadiazol-5-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxopropyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(3,3-Dimethylmorpholin-4-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((3S,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one,

- single stereoisomer

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((3S,5S)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3S,5S)-3,5-Dimethylmorpholin-4-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-(3-methylisoxazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-yl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-pyridin-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3,5-Difluorophenyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(8-Oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-5-ylmethyl-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chlorothiazol-5-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(1-Difluoromethyl-1H-pyrazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-3-ylmethyl-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(8-Oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(8-Oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(2-Ethylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one,

- single stereoisomer

- (S)-2-(2-Ethylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-(2-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-(2-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(3,5-Difluorophenyl)-2-(3-hydroxymethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-(3-hydroxymethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((S)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-2-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-3-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Chloropyridin-4-ylmethyl)-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-oxazol-5-ylmethyl-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-oxazol-4-ylmethyl-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Chloropyridin-4-ylmethyl)-6-fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-2-oxobutyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Cyclopropyl-2-oxoethyl)-6-fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-2-oxobutyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-3-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-Benzyl-2-(2-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-Benzyl-2-(2-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-Benzyl-2-(2-fluoromethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Benzyl-2-(2-fluoromethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-Benzyl-2-(2-fluoromethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- N-Methoxy-N-methyl-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- N-Methoxy-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- (S)-2-((R)-3-methylmorpholin-4-yl)-9-pyridin-4-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-2-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(2-Hydroxy-2-methylpropyl)-8-methyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Isopropyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Cyclopropyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-tert-Butyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-hydroxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-((S)-2-Hydroxypropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-((S)-2-Methoxy-2-phenylethyl)-2-(1R,5S)-8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(2-Hydroxy-2-pyridin-3-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Hydroxy-2-pyridin-3-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxy-2-pyridin-2-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Hydroxy-2-pyridin-2-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-8-methyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-3-ylmethyl-8-methyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-3-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(4-Fluorophenyl)ethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- N,N-Dimethyl-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- N-Methyl-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- (S)-9-(6-Fluoropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isopropoxypyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Isopropyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Cyclopropyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-tert-Butyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Isopropoxypyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isopropoxypyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-thiazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-thiazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-piperidin-1-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-methylmorpholin-4-yl)-9-(2-morpholin-4-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-Methylmorpholin-4-yl)-9-(2-morpholin-4-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 2-[(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]-N-phenylacetamide

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-piperidin-1-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Acetyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-thiazol-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid cyclopentyl ester

- (S)-9-(2-Cyclopentyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-isopropyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Cyclopropyl-[1,2,4]oxadiazol-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-isopropyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Cyclopropyl-[1,2,4]oxadiazol-5-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-tert-Butyl-[1,2,4]oxadiazol-5-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(1-Methylcyclopentyl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid isopropyl ester

- (S)-9-(3,3-Dimethyl-2-oxobutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxopropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclohexyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridazin-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid tert-butyl ester

- 2-{2-[(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetyl}pyrrolidine-1-carboxylic acid tert-butyl ester

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid methyl ester

- 2-[(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(4H-[1,2,4]triazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-piperidin-4-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methylbut-2-enyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(3-Methylisoxazol-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydrofuran-3-yl)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methyl-2-oxobutyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-methyl-2-oxobutyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(4-methyl-2-oxopentyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((S)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((S)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-2-oxohexyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(4-methyl-2-oxopentyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Ethyl-2-oxopentyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Ethyl-2-oxopentyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-7-Fluoro-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid methyl ester

- (S)-9-sec-Butyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-sec-Butyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Hydroxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Methoxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Methoxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-2-oxohexyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxopentyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-8-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(2-oxa-6-azaspiro[3.3]hept-6-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-[2-(5-methylisoxazol-3-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoro-2-phenylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-isoxazol-3-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-Isoxazol-3-ylmethyl-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-methylisoxazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isopropoxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Cyclopropylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-{2-[2-((R)-3-methylmorpholin-4-yl)-pyridin-4-yl]-2-oxoethyl}-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-{2-Cyclopropyl-2-[(Z)-hydroxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 1 of undetermined configuration Z or E

- (S)-9-{2-Cyclopropyl-2-[(E)-hydroxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 2 of undetermined configuration Z or E

- (S)-9-{2-Cyclopropyl-2-[(E)-methoxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 1 of undetermined configuration Z or E

- (S)-9-{2-Cyclopropyl-2-[(Z)-methoxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 2 of undetermined configuration Z or E

- (S)-9-(2-Cyclopropyloxetan-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the side chain

- (S)-9-(2-Cyclopropyloxetan-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the side chain

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-(4-methyltetrahydropyran-4-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(5-Methylisoxazol-3-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chlorothiazol-5-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-isoxazol-3-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-isoxazolidin-2-yl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(6-oxa-1-azaspiro[3.3]hept-1-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-[1,2]oxazinan-2-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-[1,2]oxazinan-2-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isoxazolidin-2-yl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(2-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the morpholine

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-((S)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-(2-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the morpholine

- (S)-9-(2-Fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-9-(2-Fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one,

diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxopropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-3-Fluoro-9-(2-fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-(1-oxa-6-azaspiro[3.3]hept-6-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

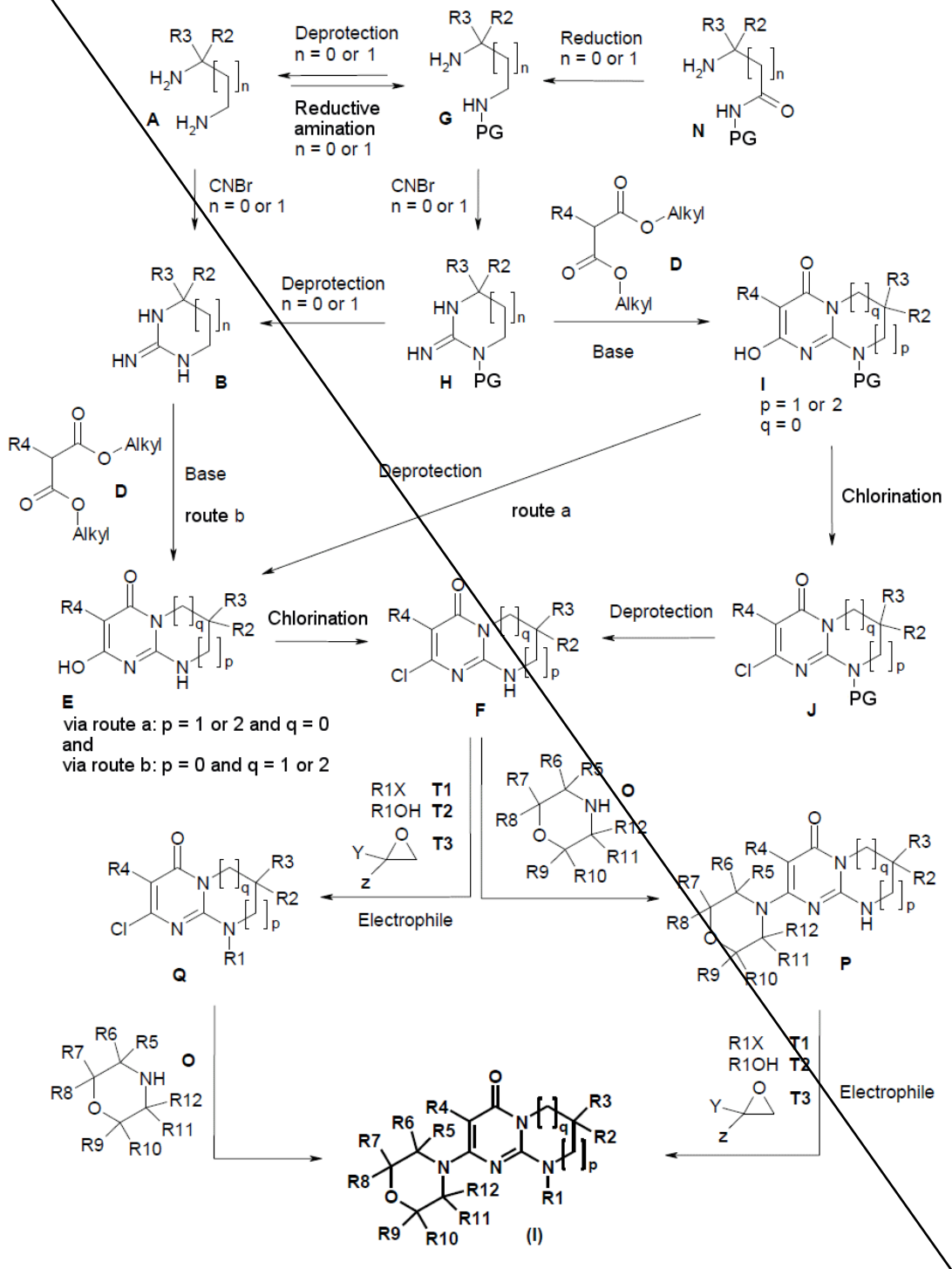
- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(1-oxa-6-azaspiro[3.3]hept-6-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

7) Process for preparing the products of formula (I) as defined in any one of the other claims, according to scheme 2 as defined hereinafter:

Scheme 2:



in which the substituents p, q, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12 and alkyl have the meanings indicated for the products of formula (I) in any one of Claims 1 to 5, n is 0 or 1 and PG is a protective group for an amine.

8) The product of formula (I) as defined in any one of Claims 1 to 6, and the pharmaceutically acceptable addition salts with inorganic and organic acids or with inorganic and organic bases of said product of formula (I) for use as a medicament.

9) The product of formula (I) as defined in Claim 6, and the pharmaceutically acceptable addition salts with inorganic and organic acids or with inorganic and organic bases of said product of formula (I) for use as a medicament.

10) Pharmaceutical compositions containing, as active ingredient, at least one of the products of formula (I) as defined in any one of Claims 1 to 6, or a pharmaceutically acceptable salt of this product and a pharmaceutically acceptable carrier.

11) Use of a product of formula (I) as defined in any one of Claims 1 to 6, in the preparation of a medicament for the treatment or prevention of a disease chosen from the following group: blood vessel proliferation disorders, fibrotic disorders, "mesangial" cell proliferation disorders, metabolic disorders, allergies, asthma, thrombosis, nervous system diseases, retinopathy, psoriasis, rheumatoid arthritis, diabetes, muscle degeneration and cancers.

12) Use of a product of formula (I) for use as defined in Claims 11, in the preparation of a medicament for the treatment of cancers.

13) Use of a product of formula (I) as defined in any one of Claims 11 or 12, in the preparation of a medicament for the treatment of solid or liquid tumours.

14) Use of a product of formula (I) as defined in any one of Claims 11 to 13, in the preparation of a medicament for the treatment of cancers resistant to cytotoxic agents.

15) Use of a product of formula (I) as defined in any one of Claims 11 to 14, in the preparation of a medicament for the treatment of primary tumours and/or of metastases, in particular in gastric, hepatic, renal, ovarian, colon, prostate and lung (NSCLC and SCLC) cancers, glioblastomas, thyroid, bladder and breast cancers, in melanoma, in lymphoid or myeloid haematopoietic tumours, in sarcomas, in brain, larynx and lymphatic system cancers, bone and pancreatic cancers, and in hamartomas.

16) Use of a product of formula (I) as defined in any one of Claims 11 to 15, in the preparation of a medicament for cancer chemotherapy.

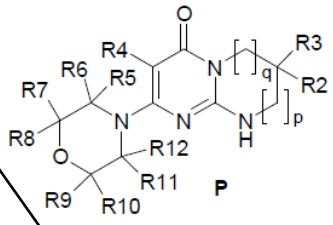
17) Use of a product of formula (I) as defined in any one of Claims 11 to 16, in the preparation of a medicament for cancer chemotherapy alone or in combination.

18) Use of a product of formula (I) as defined in Claim 11, in the preparation of a medicament for the treatment of lysosomal diseases such as glycogenosis type II (or Pompe's disease) or Danon disease.

19) Use of a product of formula (I) as defined in Claim 11, in the preparation of a medicament for the treatment of X-linked myotubular myopathies and Charcot-Marie-Tooth disease.

20) As novel industrial products, the starting products or synthesis intermediates as defined in Claim 7 as follows:

- of formula P:



P

In which p and q are the integers 0 or 1 or 2 such that, if p = 0, then q = 1 or 2 and, if p = 1 or 2, then q = 0;

R2 and R3, which may be identical or different, are chosen from a hydrogen atom and an alkyl radical optionally substituted with one or more fluorine atoms, it being understood that R2 and R3 are not both CF_3 and R2 and R3 are not both hydrogen;

R4 is a hydrogen atom, a fluorine or chlorine atom, a methyl radical or a CN radical;

the morpholine residue is substituted with the radicals R5 to R12, which may be identical or different, chosen from a hydrogen atom and methyl and ethyl radicals optionally substituted with a fluorine atom or a hydroxyl radical, it being understood that, either at least one of R5 to R12 is not a hydrogen atom, or this morpholine residue contains a bridge defined as follows: R7 or R8 can form an ethylene bridge with R9 or R10, or else R7 or R8 can form a methylene bridge of absolute configuration R,R with R11 or R12, or else R5

or R6 can form a methylene bridge of absolute configuration R,R with R9 or R10 so as to give the following radicals:

 and the isomer of configuration R,R 

the aryl and heteroaryl radicals that Ra, Rb and Re may represent, and also the alkyl radicals that Rb and Re may represent, being optionally substituted with one or more radicals, which may be identical or different, chosen from halogen atoms and cycloalkyl, heterocycloalkyl, heteroaryl and alkoxy radicals, the latter heteroaryl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

the aryl and heteroaryl radicals that Ra, Rb and Re may represent being, in addition, optionally substituted with one or more alkyl radicals themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl and alkoxy radicals;

all the cycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being, in addition, optionally substituted with a CO_2alk radical, where appropriate on a nitrogen atom;

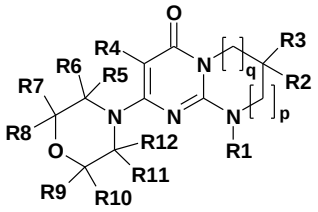
all the alkyl (alk), alkylene and alkoxy radicals above being linear or branched and containing at most 7 carbon atoms,

it being understood that one or more of the hydrogen atoms of said products of formula (I) can be a deuterium atom;

it being understood that, when p = 0 and one of R2 and R3 is an alkyl radical and the other an alkyl radical substituted with one or more fluorine atoms, then R1 is not a phenyl or pyridyl radical as defined in a) above.

CLAIMS

1) Products of formula (I):



in which:

p and q are the integers 0 or 1 or 2 such that, if p = 0, then q = 1 or 2 and, if p = 1 or 2, then q = 0;

R1 is chosen from the following values a) to e):

a) R1 is a phenyl or pyridyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from halogen atoms and cycloalkyl, alkyl and alkoxy radicals, the latter alkyl and alkoxy radicals being themselves optionally substituted with one or more fluorine atoms;

b) R1 is a $-(CH_2)_m$-Ra radical with m being the integer 1 or 2 and Ra an optionally substituted aryl or heteroaryl radical, or a -CO-cycloalkyl, -CO-heterocycloalkyl, -CO-Rb, -C(Rb)=N-ORc, $-CO_2$Rd or -CONRxRy radical;

c) R1 is an alkenyl radical; cycloalkyl radical; heterocycloalkyl radical; or an alkyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, cycloalkyl, heterocycloalkyl, phenyl, pyridine and alkoxy radicals, the latter phenyl, pyridine and alkoxy radicals being themselves optionally substituted with one or more fluorine atoms;

d) R1 is an $-SO_2$-Rb radical;

e) R1 is a -CO-Re radical;

Rb is an optionally substituted alkyl, cycloalkyl, aryl or heteroaryl radical;

Rc is a hydrogen atom or an alkyl radical;

Rd is an alkyl or cycloalkyl radical;

Re is an optionally substituted alkyl, cycloalkyle, heterocycloalkyl, aryl or heteroaryl radical;

NRxRy being such that Rx and Ry, which may be identical or different, are chosen from a hydrogen atom and alkyl, cycloalkyl, alkoxy and phenyl radicals; or Rx and Ry form, with the nitrogen atom to which they are bonded, a cyclic radical containing from 3 to 7 ring members and optionally one or more other heteroatoms chosen from O, NH and N-alkyl;

R2 and R3, which may be identical or different, are chosen from a hydrogen atom and an alkyl radical optionally substituted with one or more fluorine atoms, it being understood that R2 and R3 are not both CF_3 and R2 and R3 are not both hydrogen;

R4 is a hydrogen atom, a fluorine or chlorine atom, a methyl radical or a CN radical;

the morpholine residue is substituted with the radicals R5 to R12, which may be identical or different, chosen from a hydrogen atom and methyl and ethyl radicals optionally substituted with a fluorine atom or a hydroxyl radical, it being understood that, either at least one of R5 to R12 is not a hydrogen atom, or this morpholine residue contains a bridge defined as follows: R7 or R8 can form an ethylene bridge with R9 or R10, or else R7 or R8 can form a methylene bridge of absolute configuration R,R with R11 or R12, or else R5 or R6 can form a methylene bridge of absolute configuration R,R with R9 or R10 so as to give the following radicals:



and the isomer of configuration R,R


the aryl and heteroaryl radicals that Ra, Rb and Re may represent, and also the alkyl radicals that Rb and Re may represent, being optionally substituted with one or more radicals, which may be identical or different, chosen from halogen atoms and cycloalkyl, heterocycloalkyl, heteroaryl and alkoxy

radicals, the latter heteroaryl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

the aryl and heteroaryl radicals that Ra, Rb and Re may represent being, in addition, optionally substituted with one or more alkyl radicals themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl and alkoxy radicals;

all the cycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being, in addition, optionally substituted with a CO_2alk radical, where appropriate on a nitrogen atom;

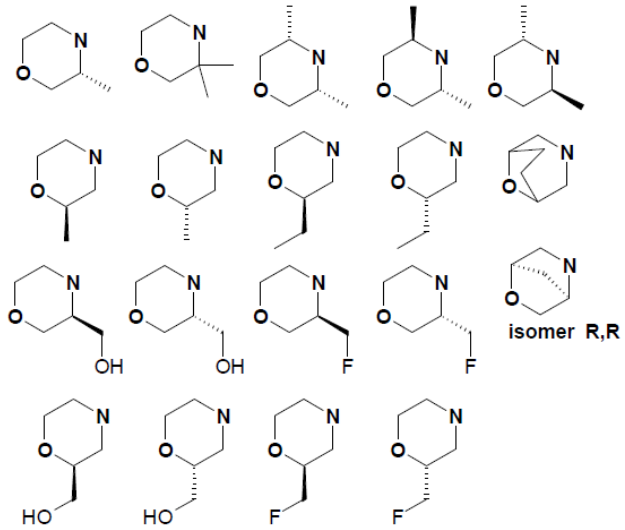
all the alkyl (alk), alkylene and alkoxy radicals above being linear or branched and containing at most 7 carbon atoms,

it being understood that one or more of the hydrogen atoms of said products of formula (I) can be a deuterium atom;

it being understood that, when p = 0 and one of R2 and R3 is an alkyl radical and the other an alkyl radical substituted with one or more fluorine atoms, then R1 is not a phenyl or pyridyl radical as defined in a) above,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

2) Products of formula (I) as defined in Claim 1, in which the morpholine residue is chosen from the following radicals:



the radicals p, q, R1, R2, R3 and R4 having the meanings indicated in Claim 1,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

3) Products of formula (I) as defined in Claim 1 or 2, in which p is the integer 0 and q is the integer 2 or else p is the integer 2 and q is the integer 0;

the radicals R1, R2, R3 and R4 and the morpholine residue having the meanings indicated in Claim 1,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

4) Products of formula (I) as defined in Claim 1 or 2, in which p is the integer 0 and q is the integer 1 or else p is the integer 1 and q is the integer 0;

the radicals R1, R2, R3 and R4 and the morpholine residue having the meanings indicated in Claim 1,

said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

5) Products of formula (I) as defined in Claim 1 or 2, in which:

p and q are the integers 0 or 1 or 2 such that, if p = 0, then q = 1 or 2 and, if p = 1 or 2, then q = 0;

R1 is a phenyl or pyridyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine and chlorine atoms and cycloalkyl, alkyl and alkoxy radicals, the latter alkyl and alkoxy radicals being themselves optionally substituted with one or more fluorine atoms; a $-(CH_2)_m$-Ra radical; an $–SO_2$-phenyl radical optionally substituted with an alkyl radical; a -CO-alkyl radical; an alkenyl radical; or an alkyl radical optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, oxetane, tetrahydrofuran, tetrahydropyran, alkoxy, phenyl and pyridine radicals, the latter three radicals all being optionally substituted with one or more fluorine atoms;

m is the integer 1 or 2;

Ra is a radical -CO-Rb; -C(cycloalkyl)=N-ORc; CO_2Rd; -CONRxRy; a -CO-cyclopropyl, -CO-cyclobutyl, -CO-cyclopentyl or -CO-cyclohexyl radical, all optionally substituted with one or more alkyl radicals; a -CO-morpholine, -CO-

piperidyl, -CO-tetrahydrofuran, -CO-tetrahydropyran or -CO-pyrrolidine radical, all optionally substituted with one or more alkyl radicals or a CO_2alk radical, where appropriate on a nitrogen atom; or else a phenyl, pyridine, oxazole, isoxazole, oxadiazole, pyrazole, thiophene, thiazole, thiadiazole, pyridazine, benzimidazole, imidazopyridine or triazole radical, all optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine and chlorine halogen atoms and cycloalkyl, heterocycloalkyl, heteroaryl, alkyl and alkoxy radicals, the latter heteroaryl, alkyl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

Rb is an alkyl, phenyl, pyridyl, thiazole, isoxazole, oxazole or oxadiazole radical, all optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine and chlorine halogen atoms and cycloalkyl, heterocycloalkyl, phenyl, heteroaryl, alkyl and alkoxy radicals, the latter phenyl, heteroaryl, heterocyloalkyl, alkyl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

Rc is in particular a hydrogen atom or an alkyl radical;

Rd is an alkyl or cycloalkyl radical;

NRxRy are such that Rx and Ry, which may be identical or different, are a hydrogen atom or an alkyl, alkoxy or phenyl radical or else together form a piperidyl, morpholinyl, azetidine, oxaazaspiro[3.3]heptane, isoxazolidine or {1,2}oxazinane radical;

R2 and R3 are such that:

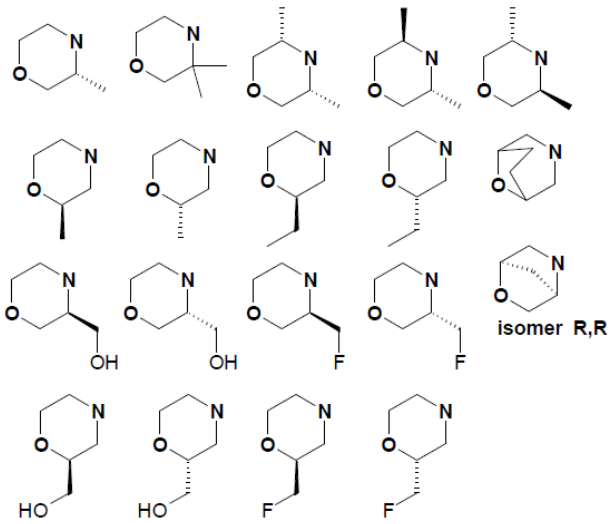
either R2 is a hydrogen atom and R3 is the trifluoromethyl radical CF_3;

or R2 is a methyl radical and R3 is the trifluoromethyl radical CF_3;

or R2 and R3 are both a methyl radical;

R4 is a hydrogen atom, a fluorine or chlorine atom, a methyl radical or a CN radical;

the morpholine residue is chosen from the following radicals:



said products of formula (I) being in any of the possible racemic, enantiomeric and diastereoisomeric isomer forms, and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

6) Products of formula (I) as defined in any one of the other claims, corresponding to the following formulae:

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-fluoropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxopropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-((S)-2-hydroxypropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-isoxazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(2-Chloropyridin-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid ethyl ester

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-methoxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 2-[(S)-7-Fluoro-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]-N-methoxy-N-methylacetamide

- (S)-9-(6-Fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(2-Fluoropyridin-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Cyclopropyl-2-oxoethyl)-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(1-Difluoromethyl-1H-pyrazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-3-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chlorothiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-5-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoro-2-phenylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-3-Fluoro-9-(2-methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Cyclopropylpyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-isoxazol-5-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-pyridin-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(2,2,2-trifluoroethoxy)-ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-hydroxy-2-methylpropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(6-fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Difluoromethylpyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-tert-Butyl-[1,2,4]oxadiazol-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-pyridin-4-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-fluoropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-[2-(3-fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(3-Fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(2-Methoxypyridin-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(6-Fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Imidazo[1,2-a]pyridin-2-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(4-Chloropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Chloropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-3-pyridin-2-ylpropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-thiazol-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-thiazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(5-Fluoropyridin-2-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 3-Fluoro-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 3-Fluoro-9-isoxazol-3-ylmethyl-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-3-fluoro-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Fluorophenyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-thiazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-8-trifluoromethyl-9-(6-trifluoromethylpyridin-3-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-(2,2,2-trifluoroethoxy)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(6-methylpyridin-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxy-2-methylpropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Isopropoxypyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chloropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-thiazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Cyclobutylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropylpyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Methoxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Fluoropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2,5-Dimethyloxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chloropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,3,4]oxadiazol-2-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3,3-Dimethyl-2-oxobutyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-((S)-2-Methoxy-2-phenylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methylisoxazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(toluene-4-sulfonyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-Isoxazol-5-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-Isoxazol-3-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Cyclopropylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Chloropyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-4-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-5-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Chloropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Hydroxy-2-methylpropyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Isopropoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Chloropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Isopropoxypyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-oxazol-5-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Cyclopropyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-9-(2-methoxypyridin-4-yl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Difluoromethylpyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(2-Chloropyridin-4-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-[1,3,4]thiadiazol-2-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Difluoromethoxypyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(4-methyl-[1,2,3]thiadiazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(6-Difluoromethoxypyridin-3-yl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-oxetan-3-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-(6-Difluoromethylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydrofuran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydrofuran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydropyran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[1-(tetrahydropyran-2-yl)methyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-8-trifluoromethyl-9-(5-trifluoromethyl-[1,3,4]oxadiazol-2-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Cyclopropyl-[1,3,4]oxadiazol-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(3-Methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-6-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxopropyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-9-(3-methylisoxazol-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-9-(3-Cyclopropyl-[1,2,4]oxadiazol-5-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxopropyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (R)-3-Fluoro-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-6-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(3,3-Dimethylmorpholin-4-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((3S,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one,

- single stereoisomer

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((3S,5S)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3S,5S)-3,5-Dimethylmorpholin-4-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-(3-methylisoxazol-5-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chloropyridin-4-yl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-pyridin-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3,5-Difluorophenyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(8-Oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-9-(2-oxo-2-phenylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-5-ylmethyl-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chlorothiazol-5-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(1-Difluoromethyl-1H-pyrazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Chloropyridin-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-3-ylmethyl-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(8-Oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-9-(2-oxo-2-pyridin-3-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(8-Oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(2-Ethylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one,

- single stereoisomer

- (S)-2-(2-Ethylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-(2-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-(2-Methylmorpholin-4-yl)-9-(2-oxo-2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(3,5-Difluorophenyl)-2-(3-hydroxymethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-(3-hydroxymethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(5-Chlorothiophen-2-ylmethyl)-2-((S)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-2-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-3-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Chloropyridin-4-ylmethyl)-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-oxazol-5-ylmethyl-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-oxazol-4-ylmethyl-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Chloropyridin-4-ylmethyl)-6-fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-2-oxobutyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-1-(2-Cyclopropyl-2-oxoethyl)-6-fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-2-oxobutyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-3-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-Benzyl-2-(2-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-Benzyl-2-(2-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-Benzyl-2-(2-fluoromethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Benzyl-2-(2-fluoromethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-Benzyl-2-(2-fluoromethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- N-Methoxy-N-methyl-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- N-Methoxy-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- (S)-2-((R)-3-methylmorpholin-4-yl)-9-pyridin-4-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(2-oxo-2-pyridin-2-ylethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(2-Hydroxy-2-methylpropyl)-8-methyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Isopropyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Cyclopropyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-tert-Butyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-hydroxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-((S)-2-Hydroxypropyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-((S)-2-Methoxy-2-phenylethyl)-2-(1R,5S)-8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-6-Fluoro-2-methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(2-Hydroxy-2-pyridin-3-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Hydroxy-2-pyridin-3-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxy-2-pyridin-2-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Hydroxy-2-pyridin-2-ylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-8-methyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Isoxazol-3-ylmethyl-8-methyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-3-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(4-Fluorophenyl)ethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-pyridin-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoropyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- N,N-Dimethyl-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- N-Methyl-2-[(S)-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- (S)-9-(6-Fluoropyridin-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isopropoxypyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Isopropyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Cyclopropyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-tert-Butyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Isopropoxypyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isopropoxypyridin-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-thiazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-thiazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-piperidin-1-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-methylmorpholin-4-yl)-9-(2-morpholin-4-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-Methylmorpholin-4-yl)-9-(2-morpholin-4-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 2-[(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]-N-phenylacetamide

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxo-2-piperidin-1-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-Acetyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-oxazol-2-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-Methyl-7-((R)-3-methylmorpholin-4-yl)-1-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-trifluoromethyl-2,3-dihydro-1H-imidazo[1,2-a]pyrimidin-5-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-thiazol-2-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid cyclopentyl ester

- (S)-9-(2-Cyclopentyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydropyran-4-yl)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-isopropyl-[1,2,4]oxadiazol-3-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Cyclopropyl-[1,2,4]oxadiazol-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-isopropyl-[1,2,4]oxadiazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Cyclopropyl-[1,2,4]oxadiazol-5-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-tert-Butyl-[1,2,4]oxadiazol-5-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(1-Methylcyclopentyl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid isopropyl ester

- (S)-9-(3,3-Dimethyl-2-oxobutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxopropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoropyridin-4-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclohexyl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridazin-4-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid tert-butyl ester

- 2-{2-[(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetyl}pyrrolidine-1-carboxylic acid tert-butyl ester

- [(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid methyl ester

- 2-[(S)-8-((R)-3-Methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetamide

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(4H-[1,2,4]triazol-3-ylmethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-oxo-2-piperidin-4-ylethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methylbut-2-enyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(3-Methylisoxazol-4-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-oxo-2-(tetrahydrofuran-3-yl)ethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(5-Methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Methyl-2-oxobutyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-methyl-2-oxobutyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-2-(8-oxa-3-aza-bicyclo[3.2.1]oct-3-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(4-methyl-2-oxopentyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((S)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((S)-3-methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(5-methyl-2-oxohexyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(4-methyl-2-oxopentyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Ethyl-2-oxopentyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(3-Ethyl-2-oxopentyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- [(S)-7-Fluoro-8-((R)-3-methylmorpholin-4-yl)-6-oxo-2-trifluoromethyl-3,4-dihydro-2H,6H-pyrimido[1,2-a]pyrimidin-1-yl]acetic acid methyl ester

- (S)-9-sec-Butyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-sec-Butyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Hydroxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Methoxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-9-(2-Methoxy-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, single stereoisomer

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(5-methyl-2-oxohexyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(3-methyl-2-oxopentyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-8-trifluoromethyl-9-(3-trifluoromethyl-[1,2,4]oxadiazol-5-ylmethyl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(2-oxa-6-azaspiro[3.3]hept-6-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-[2-(5-methylisoxazol-3-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Fluoro-2-phenylethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-isoxazol-3-ylmethyl-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Difluoromethyl-2H-pyrazol-3-ylmethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- 9-Isoxazol-3-ylmethyl-8,8-dimethyl-2-((R)-3-methylmorpholin-4-yl)-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(3-methylisoxazol-5-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isopropoxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-pyridin-3-yl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(6-Cyclopropylpyridin-3-yl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-{2-[2-((R)-3-methylmorpholin-4-yl)-pyridin-4-yl]-2-oxoethyl}-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-{2-Cyclopropyl-2-[(Z)-hydroxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 1 of undetermined configuration Z or E

- (S)-9-{2-Cyclopropyl-2-[(E)-hydroxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 2 of undetermined configuration Z or E

- (S)-9-{2-Cyclopropyl-2-[(E)-methoxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 1 of undetermined configuration Z or E

- (S)-9-{2-Cyclopropyl-2-[(Z)-methoxyimino]ethyl}-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, isomer 2 of undetermined configuration Z or E

- (S)-9-(2-Cyclopropyloxetan-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the side chain

- (S)-9-(2-Cyclopropyloxetan-2-ylmethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the side chain

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-(4-methyltetrahydropyran-4-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-[2-(5-Methylisoxazol-3-yl)-2-oxoethyl]-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Chlorothiazol-5-ylmethyl)-2-((3R,5R)-3,5-dimethylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((3R,5R)-3,5-Dimethylmorpholin-4-yl)-9-isoxazol-3-ylmethyl-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-isoxazolidin-2-yl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Hydroxyethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(6-oxa-1-azaspiro[3.3]hept-1-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-(2-[1,2]oxazinan-2-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-(2-[1,2]oxazinan-2-yl-2-oxoethyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Isoxazolidin-2-yl-2-oxoethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-2-(2-Methylmorpholin-4-yl)-9-(3-methyl-2-oxobutyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the morpholine

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-((S)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-oxoethyl)-3-fluoro-2-(2-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the morpholine

- (S)-9-(2-Fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-9-(2-Fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one,

diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

- (S)-8-Methyl-2-((R)-3-methylmorpholin-4-yl)-9-(2-oxopropyl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-3-Fluoro-9-(2-fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-3-Fluoro-9-(2-fluoro-3-methylbutyl)-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-fluoro-3-methylbutyl chain

- (S)-2-((R)-3-Methylmorpholin-4-yl)-9-[2-(1-oxa-6-azaspiro[3.3]hept-6-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 1 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

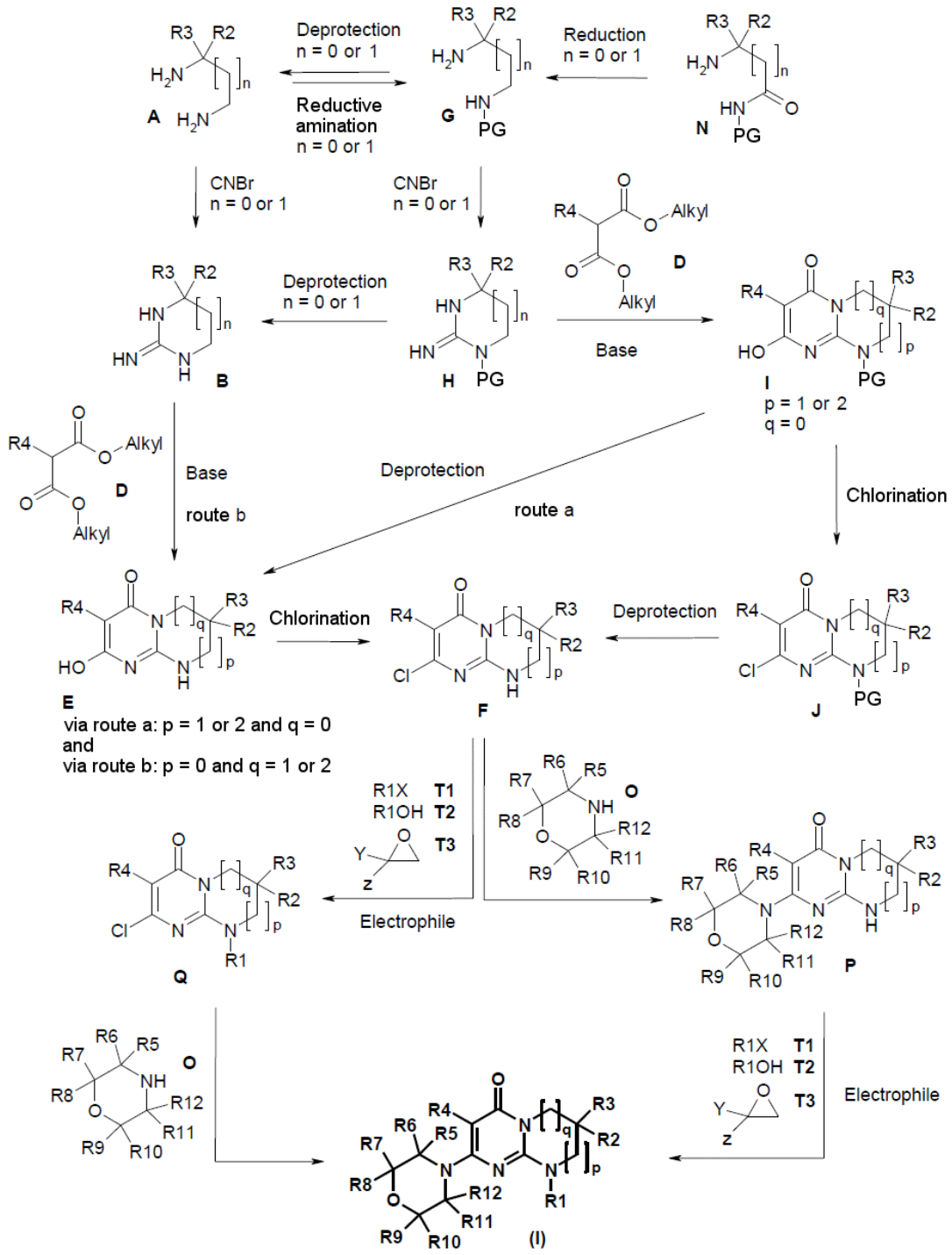
- (S)-9-(2-Cyclopropyl-2-fluoroethyl)-3-fluoro-2-((R)-3-methylmorpholin-4-yl)-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one, diastereoisomer 2 of undetermined absolute configuration on the asymmetric carbon of the 2-cyclopropyl-2-fluoroethyl chain

- (S)-3-Fluoro-2-((R)-3-methylmorpholin-4-yl)-9-[2-(1-oxa-6-azaspiro[3.3]hept-6-yl)-2-oxoethyl]-8-trifluoromethyl-6,7,8,9-tetrahydropyrimido[1,2-a]pyrimidin-4-one

and also the addition salts with inorganic and organic acids or with inorganic and organic bases of said products of formula (I).

7) Process for preparing the products of formula (I) as defined in any one of the other claims, according to scheme 2 as defined hereinafter:

Scheme 2:



in which the substituents p, q, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12 and alkyl have the meanings indicated for the products of formula (I) in any one of Claims 1 to 5, n is 0 or 1 and PG is a protective group for an amine.

8) The product of formula (I) as defined in any one of Claims 1 to 6, and the pharmaceutically acceptable addition salts with inorganic and organic acids or with inorganic and organic bases of said product of formula (I) for use as a medicament.

9) The product of formula (I) as defined in Claim 6, and the pharmaceutically acceptable addition salts with inorganic and organic acids or with inorganic and organic bases of said product of formula (I) for use as a medicament.

10) Pharmaceutical compositions containing, as active ingredient, at least one of the products of formula (I) as defined in any one of Claims 1 to 6, or a pharmaceutically acceptable salt of this product and a pharmaceutically acceptable carrier.

11) Use of a product of formula (I) as defined in any one of Claims 1 to 6, in the preparation of a medicament for the treatment or prevention of a disease chosen from the following group: blood vessel proliferation disorders, "mesangial" cell proliferation disorders, and cancers.

12) Use of a product of formula (I) for use as defined in Claims 11, in the preparation of a medicament for the treatment of cancers.

13) Use of a product of formula (I) as defined in any one of Claims 11 or 12, in the preparation of a medicament for the treatment of solid or liquid tumours.

14) Use of a product of formula (I) as defined in any one of Claims 11 to 13, in the preparation of a medicament for the treatment of cancers resistant to cytotoxic agents.

15) Use of a product of formula (I) as defined in any one of Claims 11 to 14, in the preparation of a medicament for the treatment of primary tumours and/or of metastases, in particular in gastric, hepatic, renal, ovarian, colon, prostate and lung (NSCLC and SCLC) cancers, glioblastomas, thyroid, bladder and breast cancers, in melanoma, in lymphoid or myeloid haematopoietic tumours, in sarcomas, in brain, larynx and lymphatic system cancers, bone and pancreatic cancers, and in hamartomas.

16) Use of a product of formula (I) as defined in any one of Claims 11 to 15, in the preparation of a medicament for cancer chemotherapy.

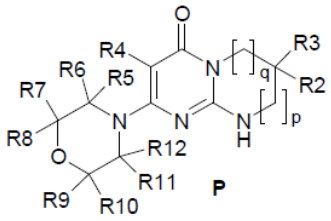
17) Use of a product of formula (I) as defined in any one of Claims 11 to 16, in the preparation of a medicament for cancer chemotherapy alone or in combination.

18) Use of a product of formula (I) as defined in Claim 11, in the preparation of a medicament for the treatment of lysosomal diseases such as glycogenosis type II (or Pompe's disease) or Danon disease.

19) Use of a product of formula (I) as defined in Claim 11, in the preparation of a medicament for the treatment of X-linked myotubular myopathies and Charcot-Marie-Tooth disease.

20) As novel industrial products, the starting products or synthesis intermediates as defined in Claim 7 as follows:

- of formula P:



P

In which p and q are the integers 0 or 1 or 2 such that, if p = 0, then q = 1 or 2 and, if p = 1 or 2, then q = 0;

R2 and R3, which may be identical or different, are chosen from a hydrogen atom and an alkyl radical optionally substituted with one or more fluorine atoms, it being understood that R2 and R3 are not both CF_3 and R2 and R3 are not both hydrogen;

R4 is a hydrogen atom, a fluorine or chlorine atom, a methyl radical or a CN radical;

the morpholine residue is substituted with the radicals R5 to R12, which may be identical or different, chosen from a hydrogen atom and methyl and ethyl radicals optionally substituted with a fluorine atom or a hydroxyl radical, it being understood that, either at least one of R5 to R12 is not a hydrogen atom, or this morpholine residue contains a bridge defined as follows: R7 or R8 can form an ethylene bridge with R9 or R10, or else R7 or R8 can form a methylene bridge of absolute configuration R,R with R11 or R12, or else R5

or R6 can form a methylene bridge of absolute configuration R,R with R9 or R10 so as to give the following radicals:

 and the isomer of configuration R,R 

the aryl and heteroaryl radicals that Ra, Rb and Re may represent, and also the alkyl radicals that Rb and Re may represent, being optionally substituted with one or more radicals, which may be identical or different, chosen from halogen atoms and cycloalkyl, heterocycloalkyl, heteroaryl and alkoxy radicals, the latter heteroaryl and alkoxy radicals being themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl, alkyl and alkoxy radicals;

the aryl and heteroaryl radicals that Ra, Rb and Re may represent being, in addition, optionally substituted with one or more alkyl radicals themselves optionally substituted with one or more radicals, which may be identical or different, chosen from fluorine atoms and hydroxyl and alkoxy radicals;

all the cycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being optionally substituted with one or more radicals, which may be identical or different, chosen from a fluorine atom and alkyl radicals themselves optionally substituted with one or more fluorine atoms;

all the heterocycloalkyl radicals being, in addition, optionally substituted with a CO_2alk radical, where appropriate on a nitrogen atom;

all the alkyl (alk), alkylene and alkoxy radicals above being linear or branched and containing at most 7 carbon atoms,

it being understood that one or more of the hydrogen atoms of said products of formula (I) can be a deuterium atom;

it being understood that, when p = 0 and one of R2 and R3 is an alkyl radical and the other an alkyl radical substituted with one or more fluorine atoms, then R1 is not a phenyl or pyridyl radical as defined in a) above.