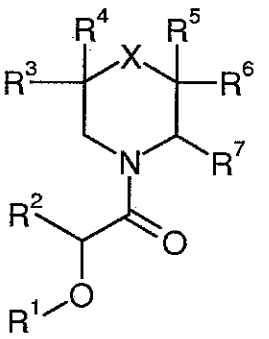
HETEROARYL SUBSTITUTED PIPERIDINE DERIVATIVES AS L-CPT1 INHIBITORS

The invention is concerned with novel substituted piperidine derivatives of the formula (I)



(I)

wherein

X is $C(R^8R^9)$, NR^{10}, O, S, S(O), $S(O_2)$;

R^1 is phenyl optionally substituted with 1 to 3 substituents selected from the group consisting of halogen, hydroxy, lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy and CN;

R^2 is hydrogen or lower-alkyl;

R^3 and R^4 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^3 and R^4 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^5 and R^6 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^5 and R^6 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^7 is an oxadiazolyl or triazolyl, which oxadiazolyl or triazolyl is substituted with R^{11} and optionally substituted with R^{12};

R^8 and R^9 independently from each other are hydrogen, halogen, hydroxy, lower-alkyl, lower-alkoxy; or

R^8 and R^9 are bound together and $-R^8-R^9-$ is $-(CH_2)_{2-7}-$ to form a ring together with the carbon atom to which they are attached;

R^{10} is hydrogen, lower-alkyl, lower-alkyl-carbonyl or lower-alkyl-sulfonyl;

R^{11} is aryl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyrimidinyl, pyridinyl-2-one, oxadiazolyl, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl, imidazopyridinyl, triazolepyridinyl,tetrazolepyridinyl, benzimidazolyl, 2-oxo-2,3-dihydro-1H-indol-5-yl, pyrimidin-4-one, furanyl, thiadiazolyl, pyrazolyl, isoxazolyl, pyrimidine-2,4-dione, benzooxazin-3-one, 1,4-dihydro-benzooxazin-2-one, indolyl, thiophenyl, oxazolyl, benzooxazin-2-one, 3,4-dihydro-quinazolin-2-one, pyridazinyl, quinoxalinyl, benzothiazolyl, benzothiadiazolyl, naphthyridinyl, cinnolinyl, 1,4-dihydro-quinoxaline-2,3-dione and 1,2-dihydro-indazol-3-one, which aryl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy, $B(OH)_2$, carboxy-lower-alkoxy, carbamoyl-lower-alkoxy, cyano, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, phenyl-lower-alkoxy, [1,3,4]oxadiazol-2-one, oxadiazolyl, triazolyl and isoxazolyl, which imidazolyl is optionally substituted with lower-alkyl, and which phenyl-lower-alkoxy is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl, and which pyrazolyl is optionally substituted with lower-alkyl, and which isoxazolyl is optionally substituted with lower-alkyl;

R^{12} is hydrogen or lower-alkyl;

R^{13} is lower-alkyl, $NR^{17}R^{18}$ or fluoro-lower-alkyl;

R^{14} is OH, $NR^{19}R^{20}$, lower-alkoxy, lower-alkenyl-oxy or lower-alkyl;

R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkenyl-oxy-carbonyl, NH_2-carbonyl, lower-alkyl-NH-carbonyl, (lower-alkyl)$_2$N-carbonyl or phenyl-lower-alkyl, which phenyl-lower-alkyl is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl; or

$NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperazinyl, pyrrolidinyl, 1,1-dioxo-isothiazolidinyl, pyrrolidin-2-one, imidazolidine-2,4-dione, 2,4-dihydro[1,2,4]triazol-3-one, pyrrolidine-2,5-dione, azetidin-2-one and 1,3-

dihydro-imidazol-2-one, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl;

R^{17} and R^{18} independently from each other are hydrogen, lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or

$NR^{17}R^{18}$ is morpholinyl;

R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl, (lower-alkyl)$_2$N-lower-alkyl, pyridinyl-lower-alkyl or cyano-lower-alkyl; or

$NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl, pyrrolidinyl, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperidinyl, piperazinyl, piperazin-2-one, thiazolidinyl, thiomorpholinyl, 1,3,8-triaza-spiro[4,5]decane-2,4-dione and spiro(1-phtalan)-piperidine-4-yl, which heterocyclyl is optionally substituted with hydroxy, lower-alkyl-S(O_2), lower-alkyl, lower-alkyl-carbonyl, carboxy, carbamoyl, lower-alkoxy-carbonyl, cyano, phenyl, pyridinyl or lower-alkoxy;

and pharmaceutically acceptable salts and esters thereof.

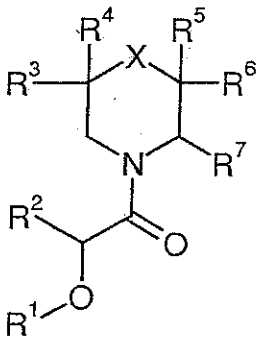
Further, the invention is concerned with a process for the manufacture of the above compounds, pharmaceutical preparations which contain such compounds as well as the use of these compounds for the production of pharmaceutical preparations.

High levels of free fatty acids (FFA) lead to an increase of liver mitochondrial β-oxidation, which is crucial to drive efficient gluconeogenesis. The mitochondrial oxidation of long-chain FFA requires the intervention of two membrane-bound carnitine-dependent palmitoyltransferases (CPTs). CPT1, the outer mitochondrial membrane enzyme, catalyzes the formation of long-chain acylcarnitines. Liver (L-CPT1) and muscle (M-CPT1) CPT1 isoforms are encoded by two different genes and inhibited by malonyl-CoA. The N-ter domain of L-CPT1 confers its lower sensitivity to malonyl CoA. CPT2, the inner mitochondrial membrane enzyme, reconverts long-chain acylcarnitines into long-chain acyl-CoA esters. Long-chain acyl-CoAs are then β-oxidized to acetyl-CoA, which activates the pyruvate carboxylase and gluconeogenesis. According to the mechanism of action described above, pharmaceutically active substances which inhibit L-CPT1 reduce liver β-oxidation, consequently inhibit gluconeogenesis and therefore counteract hyperglycemia.

The disclosure relates to novel compounds which inhibit liver carnitine palmitoyl transferase 1 (L-CPT1) activity. The compounds of the disclosure can be used as pharmaceutically active agents which are useful in the prevention and/or treatment

of diseases which are modulated by L-CPT1 inhibitors, particularly diseases which are related to hyperglycemia and/or glucose tolerance disorders. Such diseases include e.g. diabetes and associated pathologies, non insulin dependent diabetes mellitus (also referred to as diabetes type II), obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure.

In a first aspect, there is provided compounds of formula (I)



(I)

wherein

X is $C(R^8R^9)$, NR^{10}, O, S, S(O), $S(O_2)$;

R^1 is phenyl optionally substituted with 1 to 3 substituents selected from the group consisting of halogen, hydroxy, lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy and CN;

R^2 is hydrogen or lower-alkyl;

R^3 and R^4 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^3 and R^4 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^5 and R^6 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^5 and R^6 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^7 is an oxadiazolyl or triazolyl, which oxadiazolyl or triazolyl is substituted with R^{11} and optionally substituted with R^{12};

R^8 and R^9 independently from each other are hydrogen, halogen, hydroxy, lower-alkyl, lower-alkoxy; or

R^8 and R^9 are bound together and $-R^8-R^9-$ is $-(CH_2)_{2-7}-$ to form a ring together with the carbon atom to which they are attached;

R^{10} is hydrogen, lower-alkyl, lower-alkyl-carbonyl or lower-alkyl-sulfonyl;

R^{11} is aryl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyrimidinyl, pyridinyl-2-one, oxadiazolyl, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl, imidazopyridinyl, triazolepyridinyl,tetrazolepyridinyl, benzimidazolyl, 2-oxo-2,3-dihydro-1H-indol-5-yl, pyrimidin-4-one, furanyl, thiadiazolyl, pyrazolyl, isoxazolyl, pyrimidine-2,4-dione, benzooxazin-3-one, 1,4-dihydro-benzooxazin-2-one, indolyl, thiophenyl, oxazolyl, benzooxazin-2-one, 3,4-dihydro-quinazolin-2-one, pyridazinyl, quinoxalinyl, benzothiazolyl, benzothiadiazolyl, naphthyridinyl, cinnolinyl, 1,4-dihydro-quinoxaline-2,3-dione and 1,2-dihydro-indazol-3-one, which aryl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy, $B(OH)_2$, carboxy-lower-alkoxy, carbamoyl-lower-alkoxy, cyano, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, phenyl-lower-alkoxy, [1,3,4]oxadiazol-2-one, oxadiazolyl, triazolyl and isoxazolyl, which imidazolyl is optionally substituted with lower-alkyl, and which phenyl-lower-alkoxy is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl, and which pyrazolyl is optionally substituted with lower-alkyl, and which isoxazolyl is optionally substituted with lower-alkyl;

R^{12} is hydrogen or lower-alkyl;

R^{13} is lower-alkyl, $NR^{17}R^{18}$ or fluoro-lower-alkyl;

R^{14} is OH, $NR^{19}R^{20}$, lower-alkoxy, lower-alkenyl-oxy or lower-alkyl;

R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkenyl-oxy-carbonyl, NH_2-carbonyl, lower-alkyl-NH-carbonyl, (lower-alkyl)$_2$N-carbonyl or phenyl-lower-alkyl, which phenyl-lower-alkyl is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl; or

$NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperazinyl, pyrrolidinyl, 1,1-dioxo-isothiazolidinyl, pyrrolidin-2-one, imidazolidine-2,4-dione, 2,4-dihydro[1,2,4]triazol-3-one, pyrrolidine-2,5-dione, azetidin-2-one and 1,3-dihydro-imidazol-2-one, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl;

R^{17} and R^{18} independently from each other are hydrogen, lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or

$NR^{17}R^{18}$ is morpholinyl;

R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl, $(lower\text{-}alkyl)_2N$-lower-alkyl, pyridinyl-lower-alkyl or cyano-lower-alkyl; or

$NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl, pyrrolidinyl, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperidinyl, piperazinyl, piperazin-2-one, thiazolidinyl, thiomorpholinyl, 1,3,8-triaza-spiro[4,5]decane-2,4-dione and spiro(1-phtalan)-piperidine-4-yl, which heterocyclyl is optionally substituted with hydroxy, lower-alkyl-$S(O_2)$, lower-alkyl, lower-alkyl-carbonyl, carboxy, carbamoyl, lower-alkoxy-carbonyl, cyano, phenyl, pyridinyl or lower-alkoxy;

and pharmaceutically acceptable salts and esters thereof;

wherein

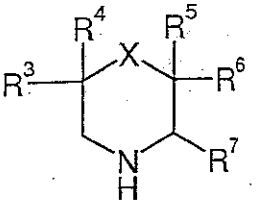
the term "lower-alkyl", alone or in combination with other groups, refers to a branched or straight-chain monovalent alkyl radical of one to seven carbon atoms;

the term "lower-alkoxy" refers to the group R'-O-, wherein R' is a lower-alkyl;

the term "lower-alkenyl", alone or in combination with other groups, refers to a straight-chain or branched hydrocarbon residue comprising an olefinic bond and up to 7 carbon atoms; and

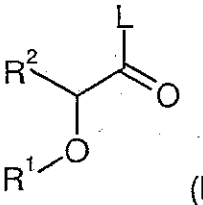
the term "cycloalkyl" refers to a monovalent carbocyclic radical of 3 to 10 carbon atoms.

In a second aspect, there is provided a process for the manufacture of compounds of formula (I) as defined above, which process comprises reacting a compound of formula (II)



(II)

with a compound of formula (III)



(III),

wherein R^1, R^2, R^3, R^4, R^5, R^6, R^7, and X are defined above and L is halogen.

In a third aspect, there is provided compounds as defined above, when manufactured by a process as defined above.

In a fourth aspect, there is provided pharmaceutical compositions comprising a compound as defined above and a pharmaceutically acceptable carrier and/or adjuvant.

In a fifth aspect, there is provided compounds as defined above for use as therapeutic active substances.

In a sixth aspect, there is provided compounds as defined above for use as therapeutic active substances for the treatment and/or prophylaxis of diseases which are modulated by L-CPT1 inhibitors.

In a seventh aspect, there is provided the use of compounds as defined above for the preparation of medicaments for the therapeutic and/or prophylactic treatment of diseases which are modulated by L-CPT1 inhibitors.

In an eighth aspect, there is provided the use of compounds as defined above for the preparation of medicaments for the therapeutic and/or prophylactic treatment of hyperglycemia, glucose tolerance disorders, diabetes and associated pathologies, non insulin dependent diabetes mellitus, obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure.

Unless otherwise indicated, the following definitions are set forth to illustrate and define the meaning and scope of the various terms used to describe the invention herein.

In this specification the term "lower" is used to mean a group consisting of one to seven, preferably of one to four carbon atom(s).

The term "halogen" refers to fluorine, chlorine, bromine and iodine, with fluorine, chlorine and bromine being preferred.

The term "alkyl", alone or in combination with other groups, refers to a branched or straight-chain monovalent saturated aliphatic hydrocarbon radical of one to twenty carbon atoms, preferably one to sixteen carbon atoms, more preferably one to ten carbon atoms. Lower-alkyl groups as described below also are preferred alkyl groups.

The term "lower-alkyl", alone or in combination with other groups, refers to a branched or straight-chain monovalent alkyl radical of one to seven carbon atoms, preferably one to four carbon atoms. This term is further exemplified by such radicals as methyl, ethyl, n-propyl, isopropyl, n-butyl, s-butyl, t-butyl and the like. The term "hydroxy-lower-alkyl" refers to a lower-alkyl group which is substituted with hydroxy.

The term "fluoro-lower-alkyl" refers to lower-alkyl groups which are mono- or multiply substituted with fluorine. Examples of fluoro-lower-alkyl groups are e.g. CFH_2, CF_2H, CF_3, CF_3CH_2, $CF_3(CH_2)_2$, $(CF_3)_2CH$ and CF_2H-CF_2.

The term "alkoxy" refers to the group R'-O-, wherein R' is an alkyl. The term "lower-alkoxy" refers to the group R'-O-, wherein R' is a lower-alkyl.

The term "fluoro-lower-alkoxy" refers to the group R"-O-, wherein R" is fluoro-lower-alkyl. Examples of fluoro-lower-alkoxy groups are e.g. CFH_2-O, CF_2H-O, CF_3-O, CF_3CH_2-O, $CF_3(CH_2)_2$-O, $(CF_3)_2CH$-O, and CF_2H-CF_2-O.

The term "alkenyl", alone or in combination with other groups, stands for a straight-chain or branched hydrocarbon residue comprising an olefinic bond and up to 20, preferably up to 16 carbon atoms. The term "lower-alkenyl" refers to a straight-chain or branched hydrocarbon residue comprising an olefinic bond and up to 7, preferably up to 4

carbon atoms, such as e.g. 2-propenyl.

The term "alkinyl", alone or in combination with other groups, stands for a straight-chain or branched hydrocarbon residue comprising a tripple bond and up to 20, preferably up to 16 carbon atoms. The term "lower-alkinyl" refers to a straight-chain or branched hydrocarbon residue comprising a tripple bond and up to 7, preferably up to 4 carbon atoms, such as e.g. 2-propinyl.

The term "alkylene" refers to a straight chain or branched divalent saturated aliphatic hydrocarbon group of 1 to 20 carbon atoms, preferably 1 to 16 carbon atoms, more preferably up to 10 carbon atoms. Lower-alkylene groups as described below also are preferred alkylene groups. The term "lower-alkylene" refers to a straight chain or branched divalent saturated aliphatic hydrocarbon group of 1 to 7, preferably 1 to 6 or 3 to 6 carbon atoms. Straight chain alkylene or lower-alkylene groups are preferred.

The term "cycloalkyl" refers to a monovalent carbocyclic radical of 3 to 10 carbon atoms, preferably 3 to 6 carbon atoms, such as cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl.

The term "aryl", alone or in combination, relates to the phenyl or naphthyl group, preferably the phenyl group, which can optionally be substituted by 1 to 5 , preferably 1 to 3, substituents independently selected from the group consisting of halogen, hydroxy, amino, NO_2, lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy, carboxy, carboxy-lower-alkyl, lower-alkoxy-carbonyl, lower-alkoxy-carbonyl-lower-alkyl, lower-alkylcarbonyl, lower-alkylcarbonyloxy, lower-alkylcarbonyl-NH, $H_2NC(O)$, (H,lower-alkyl)NC(O), (lower-alkyl)$_2$NC(O), $H_2NC(O)$-lower-alkyl, (H,lower-alkyl)NC(O)-lower-alkyl, (lower-alkyl)$_2$NC(O)-lower-alkyl, fluoro-lower-alkyl, fluoro-lower-alkoxy, H_2N-lower-alkyl, (H,lower-alkyl)N-lower-alkyl, (lower-alkyl)$_2$N-lower-alkyl, lower-alkyl-SO_2, lower-alkyl-SO_2O, lower-alkyl-SO_2-NH, lower-alkyl-SO_2-N(lower-alkyl), H_2NSO_2, (H,lower-alkyl)NSO_2, (lower-alkyl)$_2NSO_2$, dioxo-lower-alkylene (forming e.g. a benzodioxyl group), cyano, heteroaryl, cycloalkyl, lower-alkoxy-lower-alkyl, lower-alkenyl, lower-alkinyl, phenyl and phenyloxy. Of the above mentioned substituents, halogen, lower-alkyl, fluoro-lower-alkyl, lower-alkoxy and fluoro-lower-alkoxy are preferred. Furthermore and more preferably, aryl groups can be substituted as described in the description below.

The term "heteroaryl" refers to an aromatic 5 to 6 membered monocyclic ring or 9 to 10 membered bicyclic ring which can comprise 1, 2 or 3 atoms selected from nitrogen, oxygen and/or sulphur, such as furyl, pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl, thienyl, isoxazolyl, oxazolyl, oxadiazolyl, imidazolyl, pyrrolyl, pyrazolyl, triazolyl, tetrazolyl, thiazolyl, isothiazolyl, 1,2,3-thiadiazolyl, benzimidazolyl, indolyl, indazolyl,

benzoisothiazolyl, benzoxazolyl, benzoisoxazolyl, pyridinyl-2-one, oxadiazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl, imidazopyridinyl, triazolepyridinyl and tetrazolepyridinyl. Other possible heteroaryl are 2-oxo-2,3-dihydro-1H-indol-5-yl, pyrimidin-4-one, furanyl, thiadiazolyl, pyrazolyl, isoxazolyl, pyrimidine-2,4-dione, benzooxazin-3-one, 1,4-dihydro-benzooxazin-2-one, indolyl, thiophenyl, oxazolyl, benzooxazin-2-one, 3,4-dihydro-quinazolin-2-one, pyridazinyl, quinoxalinyl, benzothiazolyl, benzothiadiazolyl, naphthyridinyl, cinnolinyl, 1,4-dihydro-quinoxaline-2,3-dione and 1,2-dihydro-indazol-3-one. A heteroaryl group may optionally have a substitution pattern as described earlier in connection with the term "aryl". Furthermore, heteroaryl groups can preferably be substituted as described in the description below.

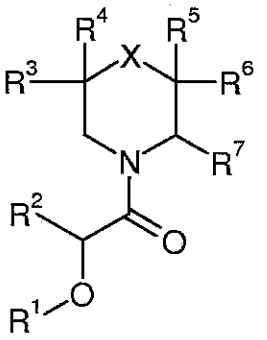
The term "heterocyclyl" refers to 5 to 6 membered monocyclic ring or 8 to 14, preferably 8 to 10, membered bi- or tricyclic ring which can comprise 1, 2 or 3 atoms selected from nitrogen, oxygen and/or sulphur, such as morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperazinyl and pyrrolidinyl. Other possible heterocyclyl are 1,1-dioxo-isothiazolidinyl, pyrrolidin-2-one, imidazolidine-2,4-dione, 2,4-dihydro[1,2,4]triazol-3-one, pyrrolidine-2,5-dione, azetidin-2-one, 1,3-dihydro-imidazol-2-one, thiazolidinyl, 1,3,8-triaza-spiro[4,5]decane-2,4-dione and spiro(1-phtalan)-piperidine-4-yl,. A heterocyclyl may optionally have a substitution pattern as described earlier in connection with the term "aryl". Furthermore, heterocyclyl groups can preferably be substituted as described in the description below.

Compounds of formula (I) wherein an amino group is present can form pharmaceutically acceptable acid addition salts. Examples of such pharmaceutically acceptable salts are salts of compounds of formula (I) with physiologically compatible mineral acids, such as hydrochloric acid, sulphuric acid, sulphurous acid or phosphoric acid; or with organic acids, such as methanesulphonic acid, p-toluenesulphonic acid, acetic acid, lactic acid, trifluoroacetic acid, citric acid, fumaric acid, maleic acid, tartaric acid, succinic acid or salicylic acid. The term "pharmaceutically acceptable salts" refers to such salts. Compounds of formula (I) in which a COOH group is present can further form salts with bases. Examples of such salts are alkaline, earth-alkaline and ammonium salts such as e.g. Na-, K-, Ca- and Trimethylammoniumsalt. The term "pharmaceutically acceptable salts" also refers to such salts. Salts obtained by the addition of an acid are preferred.

The term "pharmaceutically acceptable esters" embraces derivatives of the compounds of formula (I), in which a carboxy group has been converted to an ester. Lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl, amino-lower-alkyl, mono- or di-lower-alkyl-amino-lower-alkyl, morpholino-lower-alkyl, pyrrolidino-lower-alkyl, piperidino-lower-alkyl, piperazino-lower-alkyl, lower-alkyl-piperazino-lower-alkyl and

aralkyl esters are examples of suitable esters. The methyl, ethyl, propyl, butyl and benzyl esters are preferred esters. The term "pharmaceutically acceptable esters" furthermore embraces compounds of formula (I) in which hydroxy groups have been converted to the corresponding esters with inorganic or organic acids such as, nitric acid, sulphuric acid, phosphoric acid, citric acid, formic acid, maleic acid, acetic acid, succinic acid, tartaric acid, methanesulphonic acid, p-toluenesulphonic acid and the like, which are non toxic to living organisms.

In detail, the present invention relates to compounds of formula (I)



(I)

wherein

X is $C(R^8R^9)$, NR^{10}, O, S, S(O), $S(O_2)$;

R^1 is phenyl optionally substituted with 1 to 3 substituents selected from the group consisting of halogen, hydroxy, lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy and CN;

R^2 is hydrogen or lower-alkyl;

R^3 and R^4 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^3 and R^4 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^5 and R^6 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^5 and R^6 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^7 is an oxadiazolyl or triazolyl, which oxadiazolyl or triazolyl is substituted with R^{11} and optionally substituted with R^{12};

R^8 and R^9 independently from each other are hydrogen, halogen, hydroxy, lower-alkyl, lower-alkoxy; or

R^8 and R^9 are bound together and $-R^8-R^9-$ is $-(CH_2)_{2-7}-$ to form a ring together with the carbon atom to which they are attached;

R^{10} is hydrogen, lower-alkyl, lower-alkyl-carbonyl or lower-alkyl-sulfonyl;

R^{11} is aryl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyrimidinyl, pyridinyl-2-one, oxadiazolyl, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl, imidazopyridinyl,

triazolepyridinyl,tetrazolepyridinyl, benzimidazolyl, 2-oxo-2,3-dihydro-1H-indol-5-yl, pyrimidin-4-one, furanyl, thiadiazolyl, pyrazolyl, isoxazolyl, pyrimidine-2,4-dione, benzooxazin-3-one, 1,4-dihydro-benzooxazin-2-one, indolyl, thiophenyl, oxazolyl, benzooxazin-2-one, 3,4-dihydro-quinazolin-2-one, pyridazinyl, quinoxalinyl, benzothiazolyl, benzothiadiazolyl, naphthyridinyl, cinnolinyl, 1,4-dihydro-quinoxaline-2,3-dione and 1,2-dihydro-indazol-3-one, which aryl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy, $B(OH)_2$, carboxy-lower-alkoxy, carbamoyl-lower-alkoxy, cyano, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, phenyl-lower-alkoxy, [1,3,4]oxadiazol-2-one, oxadiazolyl, triazolyl and isoxazolyl, which imidazolyl is optionally substituted with lower-alkyl, and which phenyl-lower-alkoxy is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl, and which pyrazolyl is optionally substituted with lower-alkyl, and which isoxazolyl is optionally substituted with lower-alkyl;

R^{12} is hydrogen or lower-alkyl;

R^{13} is lower-alkyl, $NR^{17}R^{18}$ or fluoro-lower-alkyl;

R^{14} is OH, $NR^{19}R^{20}$, lower-alkoxy, lower-alkenyl-oxy or lower-alkyl;

R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkenyl-oxy-carbonyl, NH_2-carbonyl, lower-alkyl-NH-carbonyl, (lower-alkyl)$_2$N-carbonyl or phenyl-lower-alkyl, which phenyl-lower-alkyl is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl; or

$NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperazinyl, pyrrolidinyl, 1,1-dioxo-isothiazolidinyl, pyrrolidin-2-one, imidazolidine-2,4-dione, 2,4-dihydro[1,2,4]triazol-3-one, pyrrolidine-2,5-dione, azetidin-2-one and 1,3-dihydro-imidazol-2-one, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl;

R^{17} and R^{18} independently from each other are hydrogen, lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or

$NR^{17}R^{18}$ is morpholinyl;

R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl, (lower-alkyl)$_2$N-lower-alkyl, pyridinyl-lower-alkyl or cyano-lower-alkyl; or

$NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl, pyrrolidinyl, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperidinyl, piperazinyl, piperazin-2-one, thiazolidinyl, thiomorpholinyl, 1,3,8-triaza-spiro[4,5]decane-2,4-dione and spiro(1-phtalan)-piperidine-4-yl, which heterocyclyl is optionally substituted with hydroxy, lower-alkyl-S(O_2), lower-alkyl, lower-alkyl-carbonyl, carboxy, carbamoyl, lower-alkoxy-carbonyl, cyano, phenyl, pyridinyl or lower-alkoxy;

and pharmaceutically acceptable salts and esters thereof.

Compounds of formula (I) are individually preferred and physiologically acceptable salts thereof are individually preferred and pharmaceutically acceptable esters thereof are individually preferred, with the compounds of formula (I) being particularly preferred.

The compounds of formula (I) can have one or more asymmetric C atoms and can therefore exist as an enantiomeric mixture, mixture of stereoisomers or as optically pure compounds.

Preferred compounds of formula (I) as described above are those, wherein

X is $C(R^8R^9)$, NR^{10}, O, S, S(O), S(O_2);

R^1 is phenyl optionally substituted with 1 to 3 substituents selected from the group consisting of halogen, hydroxy, lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy and CN;

R^2 is hydrogen or lower-alkyl;

R^3 and R^4 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^3 and R^4 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^5 and R^6 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^5 and R^6 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^7 is an oxadiazolyl or triazolyl, which oxadiazolyl or triazolyl is substituted with R^{11} and optionally substituted with R^{12};

R^8 and R^9 independently from each other are hydrogen, halogen, hydroxy, lower-alkyl, lower-alkoxy; or

R^8 and R^9 are bound together and $-R^8-R^9-$ is $-(CH_2)_{2-7}-$ to form a ring together with the carbon atom to which they are attached;

R^{10} is hydrogen, lower-alkyl, lower-alkyl-carbonyl or lower-alkyl-sulfonyl;

R^{11} is aryl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyrimidinyl, pyridinyl-2-one, oxadiazolyl, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl, imidazopyridinyl, triazolepyridinyl,tetrazolepyridinyl and benzimidazolyl, which aryl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, and phenyl-lower-alkoxy, which imidazolyl is optionally substituted with lower-alkyl and which phenyl-lower-alkoxy is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl;

R^{12} is hydrogen or lower-alkyl;

R^{13} is lower-alkyl, $NR^{17}R^{18}$ or fluoro-lower-alkyl;

R^{14} is OH, $NR^{19}R^{20}$, lower-alkoxy or lower-alkenyl-oxy;

R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkenyl-oxy-carbonyl, NH_2-carbonyl, lower-alkyl-NH-carbonyl, (lower-alkyl)$_2$N-carbonyl or phenyl-lower-alkyl, which phenyl-lower-alkyl is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl; or

$NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperazinyl and pyrrolidinyl, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl;

R^{17} and R^{18} independently from each other are hydrogen, lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or

$NR^{17}R^{18}$ is morpholinyl;

R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl or lower-alkoxy-lower-alkyl; or

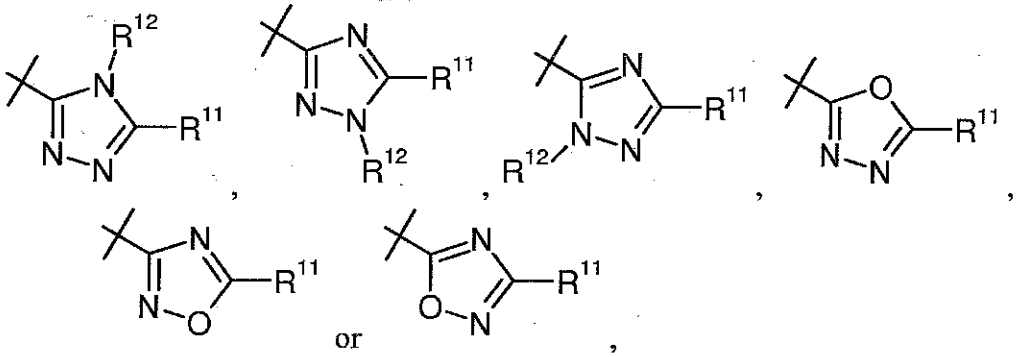
$NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl, pyrrolidinyl and 8-oxa-3-aza-bicyclo[3.2.1]octyl, which heterocyclyl is optionally substituted with hydroxy or lower-alkyl-$S(O_2)$;

and pharmaceutically acceptable salts and esters thereof.

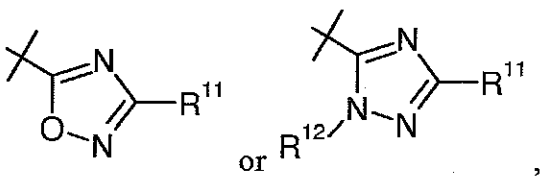
Preferred compounds of formula (I) as described above are those, wherein R^1 is phenyl optionally substituted with halogen, hydroxy, hydroxy-lower-alkyl or CN, more preferably those wherein R^1 is phenyl.

Other preferred compounds are those, wherein R^2 is hydrogen. Further preferred compounds are those, wherein R^3 is hydrogen. Still other preferred compounds are those, wherein R^4 is hydrogen. Other preferred compounds are those, wherein R^5 is hydrogen. Compounds wherein R^6 is hydrogen are alo preferred.

Preferably, R^7 which are an oxadiazolyl are not substituted with R^{12}. In a preferred embodiment of the present invention, R^7 is

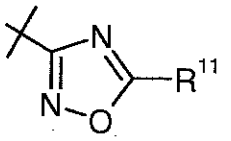


wherein R^{11} and R^{12} are as defined above. Preferably, R^7 is



wherein R^{11} and R^{12} are as defined in claim 1.

Furthermore, it is preferred that R^7 is



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wherein R^{11} is as defined above.

Preferred compounds of formula (I) as described above are those, wherein X is $C(R^8R^9)$, NR^{10}, O or S, wherein R^8, R^9 and R^{10} are as defined above. Preferably, X is $C(R^8R^9)$ or NR^{10}, wherein R^8, R^9 and R^{10} are as defined above.

In the compounds as defined above, it is preferred that R^8 is hydrogen. Preferably, R^9 is hydrogen. It is also preferred, that R^{10} is hydrogen.

Another preferred embodiment of the present invention refers to compounds as defined above, wherein R^{11} is phenyl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyridinyl-2-one, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl and benzimidazolyl, which phenyl or heteroaryl is optionally substituted with 1 to 2 substituents selected from the group consisting of lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, and phenyl-lower-alkoxy, which imidazolyl is optionally substituted with lower-alkyl, wherein R^{13}, R^{14}, R^{15} and R^{16} are as defined above.

Preferably, R^{11} is phenyl or a heteroaryl selected from the group consisting of pyridinyl, pyridinyl-2-one, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl and benzimidazolyl, which phenyl or heteroaryl is optionally substituted with 1 to 2 substituents selected from the group consisting of fluoro-lower-alkyl, halogen, $C(O)R^{14}$ and $NR^{15}R^{16}$, wherein R^{14}, R^{15} and R^{16} are as defined above.

More preferably, R^{11} is 1H-Indazol-5-yl, 1H-Indazol-6-yl, 1,3-dihydro-indol-2-one-6-yl, 1,3-dihydro-benzoimidazol-2-one-5-yl, 1,3-dihydro-indol-2-one-5-yl, 1H-Benzotriazol-5-yl, 1H-Benzoimidazol-5-yl, 1H-pyridin-2-one-4-yl, 4-Fluoro-phenyl, 3-trifluoromethyl-phenyl, 1H-Benzoimidazol-5-yl, 3-benzamide, 5-nicotinamide, 3-(N-acetamide)-phenyl or 3-(N-methanesulfonamide)-phenyl.

Another preferred embodiment of the present invention refers to compounds as defined above, wherein R^{11} is phenyl or a heteroaryl selected from the group consisting of 2-oxo-2,3-dihydro-1H-indol-5-yl, pyrimidin-4-one, furanyl, thiadiazolyl, pyrazolyl, isoxazolyl, pyrimidine-2,4-dione, benzooxazin-3-one, 1,4-dihydro-benzooxazin-2-one, indolyl, thiophenyl, oxazolyl, benzooxazin-2-one, 3,4-dihydro-quinazolin-2-one, pyridazinyl, quinoxalinyl, benzothiazolyl, benzothiadiazolyl, naphthyridinyl, cinnolinyl,

1,4-dihydro-quinoxaline-2,3-dione and 1,2-dihydro-indazol-3-one, which phenyl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of hydroxy, $B(OH)_2$, carboxy-lower-alkoxy, carbamoyl-lower-alkoxy, cyano, [1,3,4]oxadiazol-2-one, oxadiazolyl, triazolyl and isoxazolyl, which pyrazolyl is optionally substituted with lower-alkyl, and which isoxazolyl is optionally substituted with lower-alkyl.

Preferably, R^{11} is phenyl or a heteroaryl selected from the group consisting of pyridinyl, 1,3-dihydro-indol-2-one, 1H-benzimidazolyl, 3H-pyrimidin-4-one, 1H-pyrazolyl, isoxazolyl and 4H-benzo[1,4]oxazin-3-one, which phenyl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy, halogen and $NR^{15}R^{16}$, wherein R^{14} and R^{15} are as defined in claim 1.

More preferably, R^{11} is 2-methyl-3H-pyrimidin-4-one, 5-methyl-isoxazol-3-yl, 1H-pyrazol-3-yl, 6-amino-pyridin-3-yl, 1,3-dihydro-indol-2-one, 2-amino-pyridin-4-yl, 4H-benzo[1,4]oxazin-3-one, 1H-benzimidazol-5-yl, 3-(N-acetamide)-4-fluoro-phenyl or 2-hydroxy-pyridin-4-yl.

Preferably, R^{12} is hydrogen. Compounds as defined above, wherein R^{13} is lower-alkyl are also preferred. Other preferred compounds are those, wherein R^{14} is $NR^{19}R^{20}$, wherein R^{19} and R^{20} are as defined above. Other preferred compounds are those, wherein R^{14} is lower-alkyl.

Another preferred embodiment of the present invention refers to compounds as defined above, wherein R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkenyl-oxy-carbonyl or lower-alkyl-NH-carbonyl; or $NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, piperazinyl and pyrrolidinyl, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl. More preferably, R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl-carbonyl or lower-alkyl-SO_2.

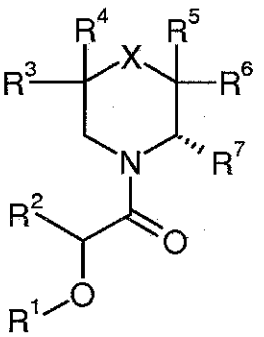
Other preferred compounds are those, wherein $NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of 1,1-dioxo-isothiazolidinyl, pyrrolidin-2-one, imidazolidine-2,4-dione, 2,4-dihydro[1,2,4]triazol-3-one, pyrrolidine-2,5-dione, azetidin-2-one and 1,3-dihydro-imidazol-2-one, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl.

Other preferred compounds are those, wherein R^{17} and R^{18} independently from each other are hydrogen or lower-alkyl; or $NR^{17}R^{18}$ is morpholinyl.

Further preferred compounds as defined above are those, wherein R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or $NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl or pyrrolidinyl, which heterocyclyl is optionally substituted with hydroxy or lower-alkyl-$S(O_2)$. More preferably, R^{19} and R^{20} are hydrogen.

Other preferred compounds are those, wherein R^{19} and R^{20} independently from each other are (lower-alkyl)$_2$N-lower-alkyl, pyridinyl-lower-alkyl or cyano-lower-alkyl; or $NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of piperidinyl, piperazinyl, piperazin-2-one, thiazolidinyl, thiomorpholinyl, 1,3,8-triaza-spiro[4,5]decane-2,4-dione and spiro(1-phtalan)-piperidine-4-yl, which heterocyclyl is optionally substituted with hydroxy, lower-alkyl-$S(O_2)$, lower-alkyl, lower-alkyl-carbonyl, carboxy, carbamoyl, lower-alkoxy-carbonyl, cyano, phenyl, pyridinyl or lower-alkoxy.

Preferred compounds of formula (I) as defined above are those, which are R-isomers and which are characterised by formula (Ia)



(Ia)

wherein R^1, R^2, R^3, R^4, R^5, R^6, R^7 and X are as defined above.

In particular, preferred compounds are the compounds of formula (I) described in the examples as individual compounds as well as pharmaceutically acceptable salts as well as pharmaceutically acceptable esters thereof.

Preferred compounds of formula (I) are those selected from the group consisting of:
(R)-1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-3-(2-{2-[3-(4-Methoxy-phenyl)[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-oxo-ethoxy) benzonitrile,
(R)-1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-propan-1-one,
(R)-1-{2-[3-(4-Bromo-phenyl) [1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-(4-Hydroxy-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-

piperidin-1-yl}-ethanone,
(R)-2-(4-Chloro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-(4-Hydroxymethyl-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-(3-Chloro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-(4-Fluoro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methane-sulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-2-(4-Fluoro-phenoxy)-1-[2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester,
(R)-1-{2-[3-(3-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-2-Phenoxy-1-[2-(3-pyrazin-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-ethanone,
(R)-1-(2-{3-[4-(Morpholine-4-sulfonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(3-Hydroxymethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid allyl ester,
(R)-1-{2-[3-(4-Imidazol-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[3-(4-trifluoromethanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-

piperidin-1-yl}-ethanone,
(R)-2-Phenoxy-1-{2-[3-(4-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(4-Chloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide,
(R)-1-{2-[3-(3-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methoxy-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-N-(2-Hydroxy-ethyl)-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-1-{2-[3-(2-Morpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[3-(3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-4'-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-Phenoxy-1-{2-[3-(2-thiomorpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(2-Diethylamino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethyl ester,
(R)-1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-{2-[3-(2-Imidazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-piperidin-2-one,
(R)-1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,

(R)-1-(2-{3-[4-(2-Methyl-imidazol-1-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[3-(2-pyrazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-4-(5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-piperazin-2-one,
(R)-2-Phenoxy-1-(2-{3-[4-(1H-tetrazol-5-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-ethanone,
(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Indazol-6-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Fluoro-3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-(2-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
(R)-1-{2-[3-(6-Benzyloxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid ethyl ester,
(R)-4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
(R)-2-Phenoxy-1-[2-(5-phenyl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
(R)-1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(3,4-Dimethoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-

ethanone,
(R)-1-{2-[5-(3,4-Dichloro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxyethanone,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(3-Nitro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester,
(R)-1-{2-[5-(4-Fluoro-3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one,
1-{3-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
1-{3-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-(3-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-morpholin-4-yl)-2-phenoxy-ethanone,
N-(4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
1-{3-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{3-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-morpholin-4-yl}-ethanone,
(R)-4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
1-{3-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-thiomorpholin-4-yl}-2-phenoxy-ethanone,
1-{3-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-thiomorpholin-4-yl}-2-phenoxy-ethanone,
4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
2-Phenoxy-1-[3-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-thiomorpholin-4-yl]-ethanone,

1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
N-(5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
1-{2-[3-(2-Imidazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-{2-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-ethanone,
1-{2-[3-(2,4-Dichloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[2-(3-pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-ethanone,
2-Phenoxy-1-[2-(3-pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperazin-2-yl]-ethanone,
1-{2-[3-(4-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(3-Hydroxymethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(4-Diethylamino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-(2-{3-[4-(Morpholine-4-sulfonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-{2-[3-(4-Chloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
N-(4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid allyl ester,
1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-

ethanone,
1-{2-[3-(4-Methoxy-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(4-Chloro-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
3-Fluoro-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethyl ester,
2-Phenoxy-1-{2-[3-(4-piperidin-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
1-{2-[3-(4-Morpholin-4-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-(2-{3-[4-(2-Methyl-imidazol-1-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
4-(5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-piperazin-2-one,
1-{2-[3-(6-Imidazol-1-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
2-Phenoxy-1-{2-[3-(4-pyrrol-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
2-Phenoxy-1-{2-[3-(4-trifluoromethanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
1-{2-[3-(2-Morpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{2-[3-(2-thiomorpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
1-(2-{3-[6-(3-Hydroxymethyl-pyrrolidin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide,

(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Morpholin-4-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[6-(3-Hydroxymethyl-pyrrolidin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide hydrochloride,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone hydrochloride,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-1-(2-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone hydrochloride,
(R)-1-{2-[3-(3-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)- 4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
1-{4-Acetyl-2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{4-Acetyl-2-[3-(4-methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
4-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-[4-Acetyl-2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-2-phenoxy-ethanone,
1-{4-Methanesulfonyl-2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,

(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone,
1-{2-[5-(4-Fluoro-3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone,
2-Phenoxy-1-[2-(5-p-tolyl-2H-[1,2,4]triazol-3-yl)-piperazin-1-yl]-ethanone,
2-Phenoxy-1-{2-[5-(4-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone,
1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(3,4-Dimethoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(3,4-Dichloro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-1-{2-[3-(1H-Indazol-5yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-5-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-5-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{4-Methyl-2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,

(R)-1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester,
(R)-N-(3-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
(R)-N-(3-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide,
(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid,
(R)-2-Fluoro-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid,
3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-4-yl}-benzamide,
3-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
4-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid,
1-(2-{3-[4-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[4-(3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,

(R)-N-Ethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Cyclopropyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Hydroxy-ethyl)-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N,N-Dimethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Ethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Cyclopropyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Hydroxy-ethyl)-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-1-(2-{3-[3-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[3-(3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-N,N-Diethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid methylamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid dimethylamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethylamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid diethylamide,
(R)-1-(2-{3-[2-(Morpholine-4-carbonyl)-pyridin-4-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[2-(3-Methanesulfonyl-pyrrolidine-1-carbonyl)-pyridin-4-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-

carboxylic acid methylamide,
(R)-N-Methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
1N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
1-(2-{3-[4-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Methyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Ethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Diethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Diethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-(2-Hydroxy-ethyl)-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4] oxadiazol-3-yl}-nicotinamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Cyclopropyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-1-(2-{3-[5-(3-Hydroxy-pyrrolidine-1-carbonyl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid amide,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3 yl]-[1,2,4]oxadiazol-3yl}-benzamide,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-1-{2-[3-(3-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,

(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
(R)-N-(5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-methanesulfonamide,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-methane-sulfonamide,
(R)- (3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-carbamic acid allyl ester,
(R)- (4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-carbamic acid allyl ester,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide,
(R)-1-Ethyl-3-(3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-urea,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzonitrile, and
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinonitrile,
and pharmaceutically acceptable salts and esters thereof.

Particularly preferred compounds of formula (I) are those selected from the group consisting of:
(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Indazol-6-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,

(R)-4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide, and
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide,
and pharmaceutically acceptable salts and esters thereof.

Other preferred compounds of formula (I) are those selected from the group consisting of:
1-{(R)-2-[3-(2-Methyl-1H-benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(3-Hydroxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
4-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
1-{(R)-2-[3-(4-Hydroxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenylboronic acid,
4-(2-Oxo-2-{(R)-2-[3-(2-oxo-2,3-dihydro-1H-indol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethoxy)-benzonitrile,
4-(2-{(R)-2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-oxo-ethoxy)-benzonitrile,
2-Methyl-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-3H-pyrimidin-4-one,
1-[(R)-2-(3-Furan-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(3-Imidazo[1,2-a]pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-{(R)-2-[3-(4-Methyl-[1,2,3]thiadiazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(2,5-Dimethyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-

phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[3-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyrimidine-2,4-dione,
1-{(R)-2-[3-(6-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-[(R)-2-(3-Imidazo[1,2-a]pyridin-6-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-4H-benzo[1,4]oxazin-3-one,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,4-dihydro-benzo[d][1,3]oxazin-2-one,
1-((R)-2-{3-[3-(1,1-Dioxo-1λ6-isothiazolidin-2-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-pyrrolidin-2-one,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-imidazolidine-2,4-dione,
4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-2,4-dihydro-[1,2,4]triazol-3-one,
1-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-pyrrolidine-2,5-dione,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one,
1-{(R)-2-[5-(1H-Indazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Indol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3H-Benzotriazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
1-{(R)-2-[5-(2-Methyl-1H-benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-

ethanone,
5-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-3H-[1,3,4]oxadiazol-2-one,
1-{(R)-2-[5-(3-[1,3,4]Oxadiazol-2-yl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenylboronic acid,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-4H-benzo[1,4]oxazin-3-one,
1-[(R)-2-(5-Imidazo[1,2-a]pyridin-6-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-{(R)-2-[5-(6-Amino-pyridin-3-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyridin-3-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(3,5-Dimethyl-isoxazol-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-thiophen-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyrimidin-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(4-Methyl-oxazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyrazin-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3,5-Difluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Methyl-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3,4-Difluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,4-dihydro-benzo[d][1,3]oxazin-2-one,
7-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-3,4-dihydro-1H-quinazolin-2-one,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-imidazolidine-2,4-dione,
1-{(R)-3-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-

ethanone,
1-{(R)-3-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
1-{(R)-2-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetic acid,
2-Phenoxy-1-((R)-2-{5-[3-(piperidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
1-((R)-2-{5-[3-(Morpholine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-((R)-2-{5-[3-(4-Methyl-piperazine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperazin-2-one,
N-(2-Methoxy-ethyl)-N-methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
1-((R)-2-{5-[3-(4-Acetyl-piperazine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperidine-4-carboxylic acid,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperidine-4-carboxylic acid amide,
2-Phenoxy-1-((R)-2-{5-[3-(thiazolidine-3-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
N-(2-Dimethylamino-ethyl)-N-methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
2-Phenoxy-1-((R)-2-{5-[3-(thiomorpholine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperazine-1-carboxylic acid ethyl ester,
N-(2-Hydroxy-ethyl)-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
N-Methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-N-(2-pyridin-2-yl-ethyl)-benzamide,

N-(2-Cyano-ethyl)-N-cyclopropyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-4-phenyl-piperidine-4-carbonitrile,
1-((R)-2-{5-[3-(4-Hydroxy-piperidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
8-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-1,3,8-triaza-spiro[4.5]decane-2,4-dione,
1-(2-{5-[3-(Spiro(1-Phtalan)-piperidine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
2-Phenoxy-1-((R)-2-{5-[3-(3-pyridin-4-yl-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
1-((R)-2-{5-[3-(3-Methanesulfonyl-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-((R)-2-{5-[3-((S)-3-Ethoxy-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-((R)-2-{5-[3-((S)-3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-nicotinamide,
2-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetamide,
N-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
N-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-propionamide,
N-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-isobutyramide,
N-(4-Fluoro-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
N-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
N-(4-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-pyridin-2-yl)-acetamide,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-azetidin-2-one,
1-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-

pyrrolidine-2,5-dione,
2-Phenoxy-1-[(R)-2-(5-pyridazin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone,
4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-benzonitrile,
1-{(R)-2-[5-(3-Amino-pyrazin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-benzonitrile,
1-{(R)-2-[5-(2-Hydroxy-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(5-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Hydroxy-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Hydroxy-6-methyl-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(4-Hydroxy-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Amino-5-chloro-pyrimidin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyrazin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone,
2-Phenoxy-1-{(R)-2-[5-(4-[1,2,4]triazol-1-yl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
2-Phenoxy-1-{(R)-2-[5-(4-tetrazol-1-yl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(4-Acetyl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(6-Hydroxy-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(5-Methyl-pyrazin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-quinoxalin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(3-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(6-Chloro-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-[(R)-2-(5-Benzothiazol-6-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[5-(2,4,5-trifluoro-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-

ethanone,
2-Phenoxy-1-{(R)-2-[5-(6-trifluoromethyl-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
1-[(R)-2-(5-Benzo[1,2,3]thiadiazol-5-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(5-[1,8]Naphthyridin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(5-[1,6]Naphthyridin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(5-Cinnolin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3,6-Dichloro-pyridazin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-4H-benzo[1,4]oxazin-3-one,
1-{(R)-2-[5-(3H-Imidazo[4,5-b]pyridin-6-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
N-(4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-pyridin-2-yl)-acetamide,
1-{(R)-2-[5-(6-Chloro-3-hydroxy-pyridazin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-1,4-dihydro-quinoxaline-2,3-dione,
1-{(R)-2-[5-(6-Hydroxy-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
7-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-3,4-dihydro-1H-quinoxalin-2-one,
1-{(R)-2-[5-(6-Amino-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-nicotinonitrile,
5-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-pyridine-2-carbonitrile,
4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-1,2-dihydro-indazol-3-one,
1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,

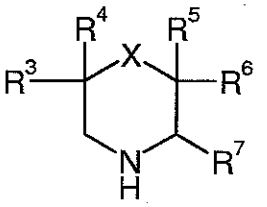
1-{(R)-2-[5-(6-Hydroxy-pyrimidin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
4-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-2,4-dihydro-[1,2,4]triazol-3-one,
1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-imidazolidine-2,4-dione,
1-((R)-2-{5-[3-(1,1-Dioxo-1λ6-isothiazolidin-2-yl)-phenyl]-[1,2,4]oxadiazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-pyrrolidin-2-one,
1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-1,3-dihydro-imidazol-2-one,
3-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-imidazolidine-2,4-dione,
1-{(R)-2-[5-(1-Methyl-1H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[5-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[5-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2,5-Dimethyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(5-Methyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone, and
1-{(R)-2-[5-(3-Methyl-isoxazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
and pharmaceutically acceptable salts and esters thereof.

Other particularly preferred compounds of formula (I) are those selected from the group consisting of:
2-Methyl-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-3H-pyrimidin-4-one,
1-{(R)-2-[3-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[3-(6-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one,

1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-4H-benzo[1,4]oxazin-3-one,
1-{(R)-2-[5-(6-Amino-pyridin-3-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide, and
1-{(R)-2-[5-(2-Hydroxy-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
and pharmaceutically acceptable salts and esters thereof.

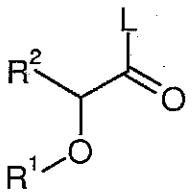
It will be appreciated that the compounds of general formula (I) in this invention may be derivatised at functional groups to provide derivatives which are capable of conversion back to the parent compound in vivo.

The invention further relates to a process for the manufacture of compounds of formula (I) as defined above, which process comprises reacting a compound of formula (II)



(II)

with a compound of formula (III)



(III),

wherein R^1, R^2, R^3, R^4, R^5, R^6, R^7, and X are as defined in any of claims 1- 22 and L is halogen.

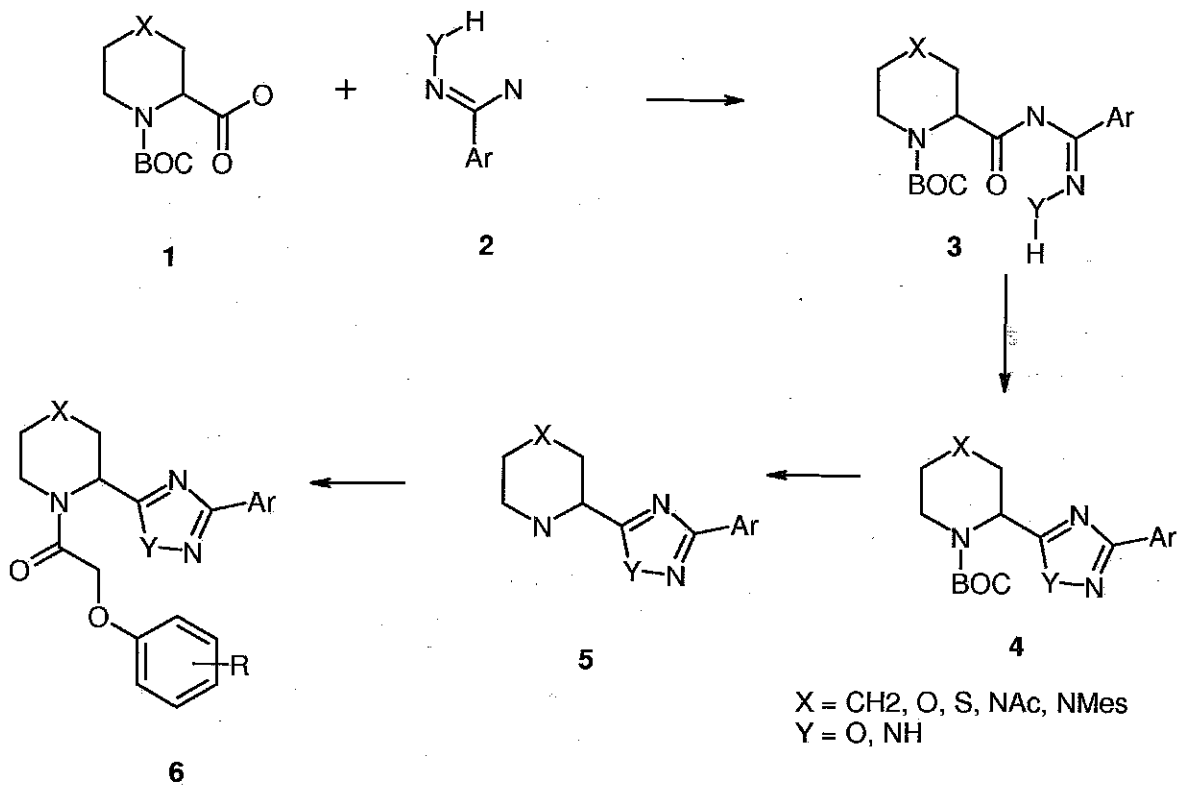
The reaction of a compound of formula (II) with a compound of formula (III) can be carried out under conditions well known to the person skilled in the art. Such reactions can conveniently be carried out for example by mixing a compound of formula (II) with e.g. an acid chloride of formula (III) or alternatively with an activated ester thereof a compound of formula (III) in a solvent such as e.g. DMF at appropriate temperatures between 25°C and 120°C, optionally in the presence of diisopropylethylamine. Preferably, L is Cl. Alternatively, L can be an active ester. Such active esters as well as their use to form amide bonds are well known to the person skilled in the art.

The present invention also relates to compounds of formula (I) as defined above, when prepared by a process as described above.

The compounds of formula (I), (II) and (III) can be prepared by methods known in the art or as described below or in analogy thereto. Unless otherwise indicated, R^1, R^2, R^3, R^4, R^5, R^6, R^7 and X are as described above.

Compounds of formula (I), can be prepared according to the following general methods.

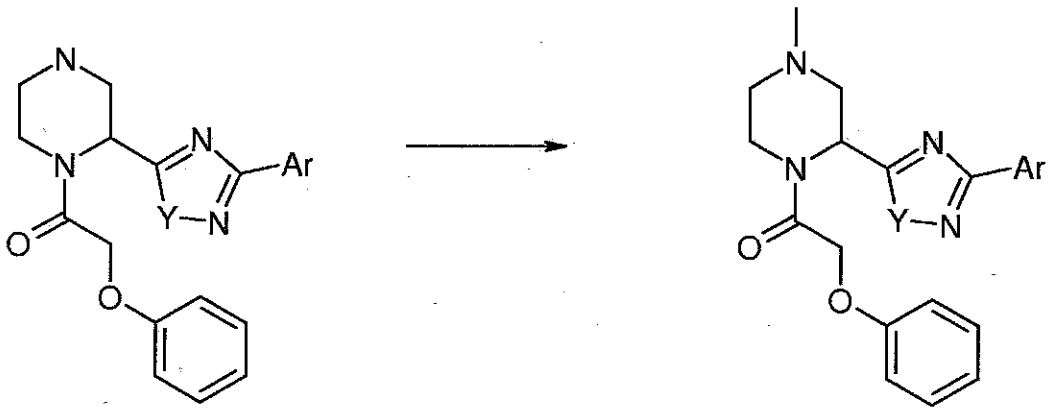
Scheme 1



Compounds of general formula 1 are dissolved preferably in DMF and 1 equivalent of activation reagent such as TBTU is added. The reaction is stirred at room temperature for 10 min and the corresponding hydroxyamidine (compound 2) added to result in compounds of general formula 3. The reaction mixture is heated to 80°C and stirred overnight of treated under microwave conditions at 120°C for 15-30 minutes to result in 4. After evaporation of the solvent and extracted from ethylactate/water the crude material is treated with neat trifluoroacetic acid or 4N HCL in Dioxan to result in compounds of general formula 5. The final product is obtained by treating these intermediates either with phenoxyl chloride and derivatives thereof or its corresponding active esters.

The corresponding N-methylpiperazine derivatives were generated from the piperazines as indicated in scheme 2.

Scheme 2



1 2

Compounds of type 1 are dissolved preferably in DMF and treated with an excess of formaldehyde and catalytic amout of acetic acid. The reaction mixture is stirred at room temperature for 30 minutes and 1 equivalent of NaBH3CN added. The reaction is stirred at room temperature for 16h and the product isolated by chromatography.

The carboxylic acid analogues were generated from the corresponding esters through classical saponification with NaOH or LiOH or by catalytic debenzylation procedures where the starting material is typically dissolved in methanol and an aqueous solution of NaOH or LiOH is added. The reaction is stirred preferably for 2h at room temperature and the product extracted form ethylacetate/water after acidification of the reaction mixture.

The carboxyamide analogues were generated from the corresponding carboxylates by preactivation with reagents such as TBTU in DMF. The reaction mixtures are usually stirred at room temperature overnight.

The primary carboxyamide analogues were generated from the corresponding carboxylates through coupling on Rink-resin and subsequent cleavage with TFA by preactivating the starting material with reagents such as TBTU. The reaction mixture is usually stirred at room temperature overnight. After excessive washing of the resins with solvents such as DMF, methanol and methylenchloride the solid phase material is treated with TFA at room temperature for 2h. After evaporation the product is isolated by chromatography.

The amino derivatives were generated from the corresponding nitro analogues through a Zink mediated reduction where the starting material is dissolved preferably in ethanol and saturated aqueous ammonium chloride. An excess of zink powder is added, the reaction briefly heated to reflux and then stirred at room temperature for 16h. The product is isolated by extraction from ethylacetate/water and final chromatography

The following N-amides, -sulfonamides, -carbamates and –ureas were all generated from the corresponding amino-derivatives where the amino-derivatives are dissolved preferably in DMF and the corresponding acetyl chlorides or activate esters, sulfonyl chlorides or isocyanates are added. The reactions proceed at room temperature. The products are isolated by chromatography.

The benzonitriles were generated from the corresponding primary benzamides by treatment of the latter with neat trifluoroacetic anhydride at room temperature for preferably 16h.

The non-commercially available aminoacids were generated from Piperazine-1,2-dicarboxylic acid 1-tert-butyl ester 2-methyl ester by coupling with either acetyl chloride or methylsulfonyl chloride in THF at room temperature follwed by supponification as described above.

The non-commercially available hydroxyamidines were generated from the corresponding nitriles by the addition of 5 equivalents of hydroxylamine mono hydrochloride and 2.5 equivanents sodium carbonate in a mixture of ethanol/water (7:3). The reaction mixture was heated to 80°C for usually 2h. The product was isolated by extraction from ethylacetate/water.

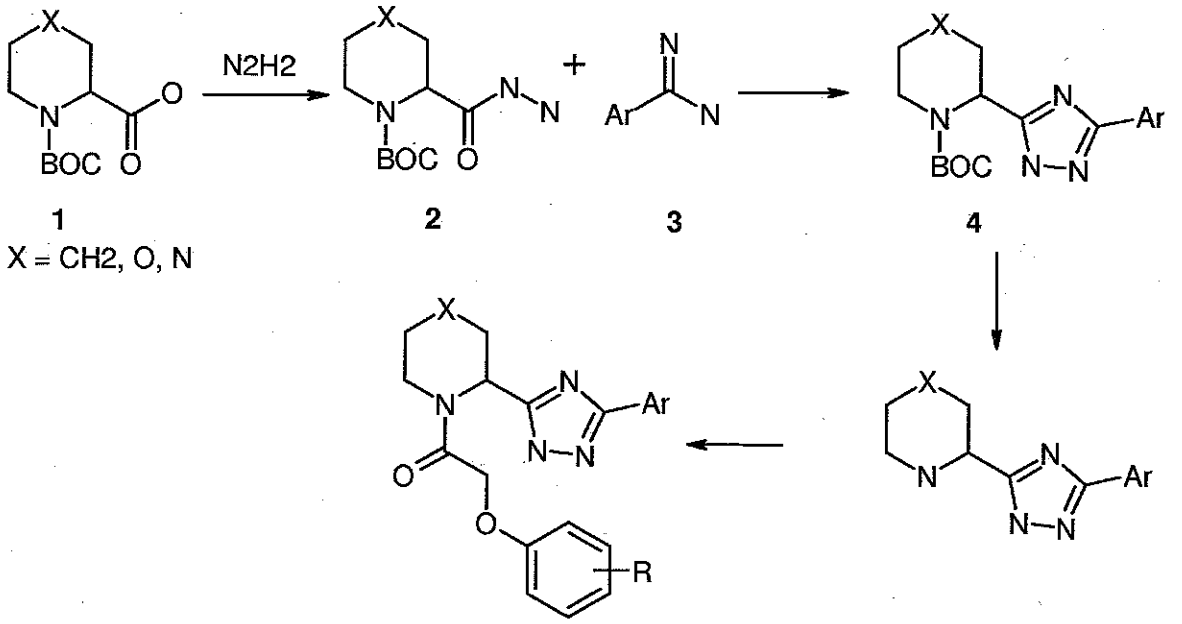
The non-commercially available sulfonamido hydroxyamidines were generated by coupling of 4-cyanobenzen-1-sulfonylchloride with 2 equivalents of the corresponding amine in THF at room temperature for 16h. After evaporation of the solvent the product is extracted from ethylacetate/water. The crude nitril is treated with hydrazine as described above.

The non-commercially available 2-aminopyridino hydroxyamidines were generated from the corresponding nitriles as described above. The nitriles were obtained from the corresponding chlorocyanopyridines after desolving in DMF and adding 2 equivalents of the amine. The reaction mixture was heated to 120°C under microwave conditions usually for 30 min. The product was isolated by extraction from ethylacetate/water after evaporation of the reaction solvent.

The aminoamidines were generated from the corresponding imidoethers by addition of 1 equivalent of hydrazine monohydrate in methanol. The product was isolated by precipitation when adding 1.25M HCl/methanol. The iminoethers were obtained from the corresponding nitriles after suspending in methylenchloride and saturation with HCl gas at 0°C for 30min. The reaction mixture was stirred for 16h at room temperature and the product filtered off after addition of diethylether.

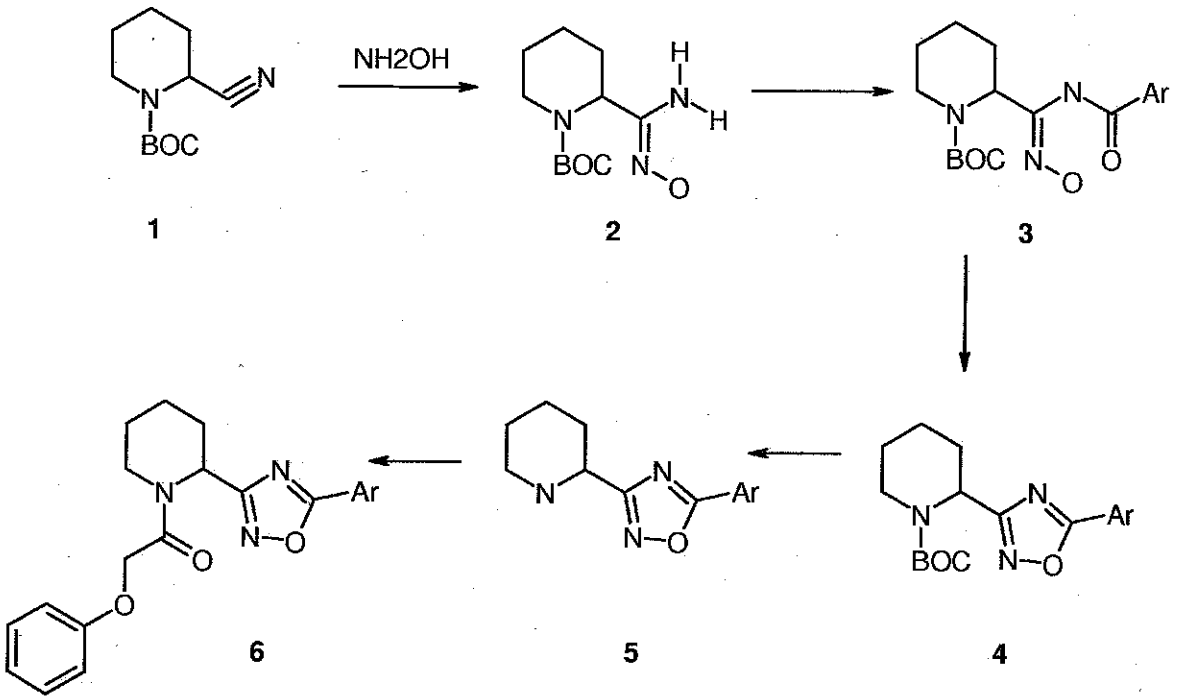
The non-commercially available nitriles were generated from the corresponding primary amides by the addition of neat trifluoroaceticacid anhydride at room temperature preferably for 16h.

Scheme 3



Furthermore, as outlined in scheme 3, compounds of general formula 1 can be dissolved preferably in DMF and 1 equivalent of activation reagent such as TBTU is added in addition to 1 equivalent of a base such as DIPEA. The reaction is cooled to 0°C and an excess of hydrazine added. The reaction is warmed up and stirred at ambient temperature to result in compound 2. After evaporation of the solvent and extraction from ethylactate/water the crude material is treated with 1 equivalent of the corresponding amidine in DMF. Catalytic amount of acetic acid is added and the reaction heated to 120°C overnight to result in compounds of general formula 4. After evaporation of the solvent and extraction from ethylactate/water neat trifluoroacetic acid or 4N HCL in Dioxan is added to generate compounds of general formula 5. The final product is obtained by treating these intermediates either with phenoxyacetyl chloride and derivatives thereof or its corresponding active esters.

Scheme 4



Furthermore, as outlined in scheme 4, compound 1 can be dissolved preferably in aqueous ethanol and treated with an excess of hydrazine hydrochloride and a base such as sodium carbonate to result in compound 2. This intermediate can be coupled with 1 equivalent of pre-activated carboxylates or their corresponding acetyl chlorides in solvents such as DMF to result in compounds with the general formula 3. Cyclisation to the corresponding oxadiazole occurs under elevated temperature either using conventional or microwave heating. Boc cleavage is usually performed using either neat TFA or 4N HCl in Dioxan to result in compounds of general formula 5. The final product is obtained by treating these intermediates either with phenoxyacetyl chloride and derivatives thereof or its corresponding active esters.

The corresponding salts can be obtained by standard methods known to the person skilled in the art, e.g. by dissolving the compound of formula(I) in a suitable solvent such as e.g. dioxan or THF and adding an appropriate amount of the corresponding acid. The products can usually be isolated by filtration or by chromatography.

The conversion of compounds of formula (I) into pharmaceutically acceptable esters can be carried out e.g. by treatment of a suitable carboxy group present in the molecule with a suitable alcohol using e.g. a condensating reagent such as benzotriazol-1-yloxytris(dimethylamino)phosphonium hexafluorophosphate (BOP), N,N-dicyclohexylcarbodiimide (DCC), N-(3-dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride (EDCI) or O-(1,2-dihydro-2-oxo-1-pyridyl)-N,N,N,N-tetra-methyluronium-tetrafluorborate (TPTU). Pharmaceutically acceptable esters can

furthermore be prepared by treatment of a suitable hydroxy group present in the molecule with a suitable acid, optionally or if necessary in the presence of a condensating agent as described above.

Insofar as their preparation is not described in the examples, the compounds of formula (I) as well as all intermediate products can be prepared according to analogous methods or according to the methods set forth above. Starting materials are commercially available, known in the art or can be prepared by methods known in the art or in analogy thereto.

As described above, the novel compounds of the present invention have been found to inhibit liver carnitine palmitoyl transferase 1 (L-CPT1) activity. The compounds of the present invention can therefore be used in the treatment and/or prophylaxis of diseases which are modulated by L-CPT1 inhibitors, particularly diseases which are related to hyperglycemia and/or glucose tolerance disorders. Such diseases include e.g. diabetes and associated pathologies, non insulin dependent diabetes mellitus, obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure.

The invention therefore also relates to pharmaceutical compositions comprising a compound as defined above and a pharmaceutically acceptable carrier and/or adjuvant.

The invention likewise embraces compounds as described above for use as therapeutically active substances, especially as therapeutically active substances for the treatment and/or prophylaxis of diseases which are modulated by L-CPT1 inhibitors, particularly as therapeutically active substances for the treatment and/or prophylaxis of hyperglycemia, glucose tolerance disorders, diabetes and associated pathologies, non insulin dependent diabetes mellitus, obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure.

In another preferred embodiment, the invention relates to a method for the therapeutic and/or prophylactic treatment of diseases which are modulated by L-CPT1 inhibitors, particularly for the therapeutic and/or prophylactic treatment of hyperglycemia, glucose tolerance disorders, diabetes and associated pathologies, non insulin dependent diabetes mellitus, obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure, which method comprises administering a compound as defined above to a human being or animal.

The invention also embraces the use of compounds as defined above for the therapeutic and/or prophylactic treatment of diseases which are modulated by L-CPT1 inhibitors, particularly for the therapeutic and/or prophylactic treatment of hyperglycemia, glucose tolerance disorders, diabetes and associated pathologies, non insulin dependent diabetes mellitus, obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure.

The invention also relates to the use of compounds as described above for the preparation of medicaments for the therapeutic and/or prophylactic treatment of diseases which are modulated by L-CPT1 inhibitors, particularly for the therapeutic and/or

prophylactic treatment of hyperglycemia, glucose tolerance disorders, diabetes and associated pathologies, non insulin dependent diabetes mellitus, obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure. Such medicaments comprise a compound as described above.

Prevention and/or treatment of hyperglycemia and non insulin dependent diabetes mellitus is the preferred indication.

The following tests were carried out in order to determine the activity of the compounds of the present invention. Background information on the performed assays can be found in: Jackson et al., 1999, *Biochem. J.* 341, 483-489 and Jackson et al., 2000, *J. Biol. Chem.* 275, 19560-19566.

Human liver and muscle CPT1 cDNAs and rat CPT2 cDNA were subcloned in pGAPZB or pGAPZA, respectively. These plasmids were used to transform *P. pastoris* strain X-33 via electroporation after the preparation of electrocompetent cells. High copy number clones were selected where necessary using 0.5 or 1 mg/ml Zeocin. Cultures for activity measurements were induced for 16 h in YPD medium (1% yeast extract, 2% peptone, 2% glucose). Crude cell extracts were prepared by disrupting the cells with glass beads or French Press, depending on fermenter sizes. After centrifugation, the cell-free extracts were resuspended in cell breaking buffer (50 mM Tris, pH7.4, 100 mM KCl, 1mM EDTA) in the presence of a protease inhibitor cocktail, before aliquoting and freezing at -20°C.

CPT activity was measured using a spectrophotometric assay using 5,5'-dithio-*bis*-(2-nitrobenzoic acid) (DTNB) also called Ellman's reagent. The HS-CoA released on the formation of acylcarnitine from carnitine (500 µM) and palmitoyl-CoA (80 µM) reduced DTNB (300 µM) forming 5-mercapto-(2-nitrobenzoic acid) wich absorbed at 410 nm with a molar coefficient extinction of 13600 $M^{-1}.cm^{-1}$. The assay buffer contained 120 mM KCl, 25 mM Tris, pH 7.4, 1 mM EDTA. This assay was used for the identification of selective inhibitors of the liver CPT1 isoform versus the muscle CPT1 and CPT2 isoforms.

The compounds according to formula (I) preferably have an IC50 value below 10 µM, preferably 10 nM to 10 µM, more preferably 10 nM to 5 µM. The following table shows data for some examples.

Example	L-CPT1 inhibition IC_{50} [µmol/l]
1	0.066
10	0.260
172	0.242

The compounds of formula I and/or their pharmaceutically acceptable salts can be used as medicaments, e.g. in the form of pharmaceutical preparations for enteral, parenteral or topical administration. They can be administered, for example, perorally, e.g. in the form of tablets, coated tablets, dragées, hard and soft gelatine capsules, solutions, emulsions or suspensions, rectally, e.g. in the form of suppositories, parenterally, e.g. in the form of injection solutions or suspensions or infusion solutions, or topically, e.g. in the form of ointments, creams or oils. Oral administration is preferred.

The production of the pharmaceutical preparations can be effected in a manner which will be familiar to any person skilled in the art by bringing the described compounds of formula I and/or their pharmaceutically acceptable salts, optionally in combination with other therapeutically valuable substances, into a galenical administration form together with suitable, non-toxic, inert, therapeutically compatible solid or liquid carrier materials and, if desired, usual pharmaceutical adjuvants.

Suitable carrier materials are not only inorganic carrier materials, but also organic carrier materials. Thus, for example, lactose, corn starch or derivatives thereof, talc, stearic acid or its salts can be used as carrier materials for tablets, coated tablets, dragées and hard gelatine capsules. Suitable carrier materials for soft gelatine capsules are, for example, vegetable oils, waxes, fats and semi-solid and liquid polyols (depending on the nature of the active ingredient no carriers might, however, be required in the case of soft gelatine capsules). Suitable carrier materials for the production of solutions and syrups are, for example, water, polyols, sucrose, invert sugar and the like. Suitable carrier materials for injection solutions are, for example, water, alcohols, polyols, glycerol and vegetable oils. Suitable carrier materials for suppositories are, for example, natural or hardened oils, waxes, fats and semi-liquid or liquid polyols. Suitable carrier materials for topical

preparations are glycerides, semi-synthetic and synthetic glycerides, hydrogenated oils, liquid waxes, liquid paraffins, liquid fatty alcohols, sterols, polyethylene glycols and cellulose derivatives.

Usual stabilizers, preservatives, wetting and emulsifying agents, consistency-improving agents, flavour-improving agents, salts for varying the osmotic pressure, buffer substances, solubilizers, colorants and masking agents and antioxidants come into consideration as pharmaceutical adjuvants.

The dosage of the compounds of formula I can vary within wide limits depending on the disease to be controlled, the age and the individual condition of the patient and the mode of administration, and will, of course, be fitted to the individual requirements in each particular case. For adult patients a daily dosage of about 1 to 2000 mg, especially about 1 to 500 mg, comes into consideration. Depending on severity of the disease and the precise pharmacokinetic profile the compound could be administered with one or several daily dosage units, e.g. in 1 to 3 dosage units.

The pharmaceutical preparations conveniently contain about 1-500 mg, preferably 1-200 mg, of a compound of formula I.

The following Examples serve to illustrate the present invention in more detail. They are, however, not intended to limit its scope in any manner.

Examples

Example 1

(R)-1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone

Step 1:
(R)-2-{[Hydroxyimino-(4-methoxy-phenyl)-methyl]-carbamoyl}-piperidine-1-carboxylic acid tert-butyl ester

23 mg (0.1 mmol) of Boc-D-Pipecolic Acid were treated with 0.1mmol [Dimethylamino-([1,2,3]triazolo[4,5-b]pyridin-3-yloxy)-methylene]-dimethyl-ammonium hexafluorophosphate (HATU) and Diisopropylamine (DIPEA) in 1ml Dimethylforamide (DMF) for 10 min. 17mg (0.1 mmol) of N-Hydroxy-4-methoxy-benzamidine were added and the reaction stirred at room temperature for 20min. The product was not further characterized.

Step 2:
(R)-2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidine-1-carboxylic acid tert-butyl ester

Crude material from step 1 was either treated at 80°C for 16h or briefly heated to 120°C under microwave conditions (10min). The DMF was evaporated and the product extracted from ethylacetate/water. The product was not further characterized.

Step 3:
(R)-2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidine trifluoroacetate

Crude material from step 2 was treated with neat trifluoroacetic acid (TFA) at room temperature for 1h. The TFA was evaporated. The crude product not further characterized.

Step 4:
(R)-1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone

Crude material from step 3 was dissolved in 1ml DMF and 0.1mmol DIPEA. Either 0.1mmol phenoxyacetyl chloride were added and the reaction stirred at room temperature for 30min, or the corresponding phenoxyacetic acid derivatives were pre-activated with HATU/DIPEA in DMF for 10min and added to the crude material from step 3. The product was isolated *via* preperative high performance liquid chromatography (HPLC).

MS(ISO): 394.4 (MH+)

The following compounds were prepared in analogy.

Table 1

Example	Compound name	Starting materials	MH^+ (found)
2	(R)-3-(2-{2-[3-(4-Methoxy-phenyl)[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-oxo-ethoxy) benzonitrile	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 3-Cyanophenoxy-acetyl chloride	419.5
3	(R)-1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-propan-1-one	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 2-Phenoxy-propionic acid	408.5
4	(R)-1-{2-[3-(4-Bromo-phenyl) [1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-bromo-benzamidine and phenoxyacetyl chloride	442.2
5	(R)-2-(4-Hydroxy-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 4-Hydroxy-phenoxyacetic acid	410.5
6	(R)-2-(4-Chloro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 4-Chlorophenoxy-acetic acid	428.5
7	(R)-2-(4-Hydroxymethyl-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 4-Hydroxymethylphenoxy-acetic acid	424.2

Example	Compound name	Starting materials	MH^+ (found)
8	(R)-2-(3-Chloro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 3-Chlorophenoxy-acetic acid	428.5
9	(R)-2-(4-Fluoro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 4-Fluorophenoxy-acetic acid	412.4
10	(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-fluoro-benzamidine and phenoxyacetyl chloride	382.5
11	(R)-1-{2-[3-(4-Methane-sulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methane-sulfonylbenzamidine and phenoxyacetyl chloride	442.5
12	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Boc-D-Pipecolic Acid, N-Hydroxy-4-sulfamoyl-benzamidine and phenoxyacetyl chloride	443.5
13	(R)-2-(4-Fluoro-phenoxy)-1-[2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-isonicotinamidine and phenoxyacetyl chloride	383.4
14	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	Boc-D-Pipecolic Acid, 3-(N-Hydroxycarbam-imidoyl)-benzoic acid methyl ester and phenoxyacetyl chloride	422.5

Example	Compound name	Starting materials	MH^+ (found)
15	(R)-1-{2-[3-(3-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-3-nitro-benzamidine and phenoxyacetyl chloride	409.5
16	(R)-1-{2-[3-(4-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-nitro-benzamidine and phenoxyacetyl chloride	409.5
17	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Boc-D-Pipecolic Acid, N-Hydroxy-3-sulfamoyl-benzamidine and phenoxyacetyl chloride	443.5
18	(R)-2-Phenoxy-1-[2-(3-pyrazin-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-pyrazine-2-carboxamidine and phenoxyacetyl chloride	366.5
19	(R)-1-(2-{3-[4-(Morpholine-4-sulfonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-N-acetyl-benzamidine and phenoxyacetyl chloride	513.6
20	(R)-1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-6-methoxy-nicotinamidine and phenoxyacetyl chloride	395.5
21	(R)-1-{2-[3-(3-Hydroxymethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-3-hydroxymethyl benzamidine and phenoxyacetyl chloride	394.5

Example	Compound name	Starting materials	MH^+ (found)
22	(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid allyl ester	Boc-D-Pipecolic Acid, 6-(N-Hydroxycarb-amimidoyl)-nicotinic acid allyl ester and phenoxyacetyl chloride	449.1
23	(R)-1-{2-[3-(4-Imidazol-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-imidazol-1-yl-benzamidine and phenoxyacetyl chloride	430.5
24	(R)-N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Boc-D-Pipecolic Acid, N-Hydroxy-4-methylsulfamoyl-benzamidine and phenoxyacetyl chloride	457.5
25	(R)-1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-6-morpholin-4-yl-nicotinamidine and phenoxy-acetyl chloride	450.5
26	(R)-2-Phenoxy-1-{2-[3-(4-trifluoromethanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-trifluoromethanesulfonyl-benzamidine and phenoxyacetyl chloride	496.5
27	(R)-2-Phenoxy-1-{2-[3-(4-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-trifluoromethyl-benzamidine and phenoxyacetyl chloride	432.5
28	(R)-1-{2-[3-(4-Chloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-chloro-benzamidine and phenoxyacetyl chloride	398.4

Example	Compound name	Starting materials	MH^+ (found)
29	(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide	Boc-D-Pipecolic Acid, N-[4-(N-Hydroxycarb-amimidoyl)-2-trifluoro-methyl-phenyl]-acetamide and phenoxyacetyl chloride	489.5
30	(R)-1-{2-[3-(3-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-3-methanesulfonyl-benzamidine and phenoxyacetyl chloride	442.5
31	(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methyl-3-nitro-benzamidine and phenoxyacetyl chloride	423.5
32	(R)-1-{2-[3-(4-Methoxy-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-3-nitro-benzamidine and phenoxyacetyl chloride	439.5
33	(R)-N-(2-Hydroxy-ethyl)-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Boc-D-Pipecolic Acid, N-Hydroxy-4-(2-hydroxy-ethylsulfamoyl)-benzamidine and phenoxyacetyl chloride	487.5
34	(R)-N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Boc-D-Pipecolic Acid, N-Hydroxy-4-[(2-methoxy-ethyl)-methyl-sulfamoyl]-benzamidine and phenoxyacetyl chloride	515.5

Example	Compound name	Starting materials	MH^+ (found)
35	(R)-N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Boc-D-Pipecolic Acid, 4-Dimethylsulfamoyl-N-hydroxy-benzamidine and phenoxyacetyl chloride	471.5
36	(R)-N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Boc-D-Pipecolic Acid, 4-Diethylsulfamoyl-N-hydroxy-benzamidine and phenoxyacetyl chloride	499.6
37	(R)-1-{2-[3-(2-Morpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-2-morpholin-4-yl-isonicotinamidine and phenoxyacetyl chloride	450.5
38	(R)-2-Phenoxy-1-{2-[3-(3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-4'-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-4'-carboxamidine and phenoxyacetyl chloride	448.5
39	(R)-2-Phenoxy-1-{2-[3-(2-thiomorpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-2-thiomorpholin-4-yl-isonicotinamidine and phenoxyacetyl chloride	466.5
40	(R)-1-{2-[3-(2-Diethylamino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 2-Diethylamino-N-hydroxy-isonicotin amidine and phenoxyacetyl chloride	436.5
41	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethyl ester	Boc-D-Pipecolic Acid, 4-(N-Hydroxycarbamimidoyl)-pyridine-2-carboxylic acid ethyl esterand phenoxyacetyl chloride	437.5

Example	Compound name	Starting materials	MH^+ (found)
42	(R)-1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 6-(4-Acetyl-piperazin-1yl)-N-hydroxy-nicotinamidine and phenoxyacetyl chloride	491.5
43	(R)-1-{2-[3-(2-Imidazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-2-imidazol-1-yl-isonicotinamidine and phenoxyacetyl chloride	431.5
44	(R)-1-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-piperidin-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-3-(2-oxo-piperidin-1-yl)-benzamidine and phenoxy-acetyl chloride	461.5
45	(R)-1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-(3H-imidazol-4-yl)-benzamidine and phenoxy-acetyl chloride	430.5
46	(R)-1-(2-{3-[4-(2-Methyl-imidazol-1-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-(2-methyl-imidazol-1-yl)-benzamidine and phenoxy-acetyl chloride	444.5
47	(R)-2-Phenoxy-1-{2-[3-(2-pyrazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-2-pyrazol-1-yl-isonicotin amidine and phenoxy-acetyl chloride	431.5
48	(R)-4-(5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-piperazin-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-6-(3-oxo-piperazin-1-yl)-nicotinamidine and phenoxyacetyl chloride	463.5

Example	Compound name	Starting materials	MH^+ (found)
49	(R)-2-Phenoxy-1-(2-{3-[4-(1H-tetrazol-5-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-(1H-tetrazol-5-yl)-benzamidine and phenoxyacetyl chloride	430.1 (M-H+)
50	(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-1H-indazole-5-carboxamidine and phenoxyacetyl chloride	404.5
51	(R)-1-{2-[3-(1H-Indazol-6-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-1H-indazole-5-carboxamidine and phenoxyacetyl chloride	404.1
52	(R)-1-{2-[3-(4-Fluoro-3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 4-Fluoro-N-hydroxy-3-trifluoromethyl-benzamidine and phenoxyacetyl chloride	450.4
53	(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-2-oxo-2,3-dihydro-1H-indole-6-carboxamidine and phenoxyacetyl chloride	419.3
54	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-2-oxo-2,3-dihydro-1H-benzoimidazole-5-carboxamidine and phenoxyacetyl chloride	420.4
55	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-2-oxo-2,3-dihydro-1H-indole-5-carboxamidine and phenoxyacetyl chloride	419.4

Example	Compound name	Starting materials	MH^+ (found)
56	(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-1H-benzotriazole-5-carboxamidine and phenoxyacetyl chloride	405.4
57	(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-1H-benzoimidazole-5-carboxamidine and phenoxyacetyl chloride	404.5
58	(R)-1-(2-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 6-(1,1-Dioxo-thiomorpholin-4-yl)-N-hydroxy-nicotinamidine and phenoxyacetyl chloride	498.5
59	(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide	Boc-D-Pipecolic Acid, N-[4-(N-Hydroxy-carbamimidoyl)-pyridin-2-yl]-acetamide and phenoxyacetyl chloride	422.5
60	(R)-1-{2-[3-(6-Benzyloxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 6-Benzyloxy-N-hydroxy-nicotinamidine and phenoxyacetyl chloride	470.8
61	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid ethyl ester	Boc-D-Pipecolic Acid, 5-(N-Hydroxy-carbamimidoyl)-nicotinic acid ethyl ester and phenoxyacetyl chloride	337.5
62	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-2-oxo-1,2-dihydro-pyridine-4-carboxamidine and phenoxyacetyl chloride	381.5

Example	Compound name	Starting materials	MH^+ (found)
63	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-6-oxo-1,6-dihydro-pyridine-3-carboxamidine and phenoxyacetyl chloride	381.5
64	(R)-2-Phenoxy-1-[2-(5-phenyl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone	Boc-D-Pipecolic Acid, N-Amino-benzamidine and phenoxyacetic acid	363.5
65	(R)-1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-4-methanesulfonyl-benzamidine and phenoxyacetic acid	441.5
66	(R)-1-{2-[5-(3,4-Dimethoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-3,4-Dimethoxy-benzamidine and phenoxyacetic acid	423.5
67	(R)-1-{2-[5-(3,4-Dichloro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxyethanone	Boc-D-Pipecolic Acid, N-Amino-3,4-Dichloro-benzamidine and phenoxyacetic acid	431.4
68	(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-4-Fluoro-benzamidine and phenoxyacetic acid	381.5
69	(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Amino-3-Trifluoromethyl-benzamidine and phenoxyacetic acid	431.5
70	(R)-1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-4-Methoxy-benzamidine and phenoxyacetic acid	393.5

Example	Compound name	Starting materials	MH^+ (found)
71	(R)-1-{2-[5-(3-Nitro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-3-Nitro-benzamidine and phenoxyacetic acid	408.5
72	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester	Boc-D-Pipecolic Acid, N-Amino-3-Benzoic Acidmethylester-benzamidine and phenoxyacetic acid	421.5
73	(R)-1-{2-[5-(4-Fluoro-3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-4-Fluoro-3-trifluoromethyl-benzamidine and phenoxyacetic acid	449.0
74	(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one	Boc-D-Pipecolic Acid, N-Amino-2-Oxo-2,3-dihydro-1H-indole-6-carboxamidine benzamidine and phenoxyacetic acid	418.5
75	1-{3-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone	Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, N-Hydroxy-4-methoxy-benzamidine and phenoxyacetyl chloride	396.4
76	1-{3-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone	Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, N-Hydroxy-4-methanesulfonyl-benzamidine and phenoxyacetyl chloride	444.5
77	4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, N-Hydroxy-4-sulfamoyl-benzamidine and phenoxyacetyl chloride	445.5

Example	Compound name	Starting materials	MH^+ (found)
78	1-(3-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-morpholin-4-yl)-2-phenoxy-ethanone	Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, 6-(1,1-Dioxo-thiomorpholin-4-yl)-N-hydroxy-nicotinamidine and phenoxyacetyl chloride	500.5
79	N-(4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide	Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, N-[4-(N-Hydroxycarbamimidoyl)-pyridin-2-yl]-acetamide and phenoxyacetyl chloride	424.6
80	1-{3-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-morpholin-4-yl}-2-phenoxy-ethanone	Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, 4-Methanesulfonyl-N-amino-benzamidine and phenoxyacetyl chloride	443.4
81	2-Phenoxy-1-{3-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-morpholin-4-yl}-ethanone	Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, 3-Trifluoromethyl-N-amino-benzamidine and phenoxyacetyl chloride	433.4
82	(R)-4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one	(R)-Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, N-Hydroxy-2-oxo-1,2-dihydro-pyridine-4-carboxamidine and phenoxyacetyl chloride	383.4
83	1-{3-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-thiomorpholin-4-yl}-2-phenoxy-ethanone	4-(2-tert-Butoxy-acetyl)-thiomorpholine-3-carboxylic acid, N-Hydroxy-4-methoxy-benzamidine and phenoxyacetyl chloride	412.5

Example	Compound name	Starting materials	MH^+ (found)
84	1-{3-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-thiomorpholin-4-yl}-2-phenoxy-ethanone	4-(2-tert-Butoxy-acetyl)-thiomorpholine-3-carboxylic acid, N-Hydroxy-4-methane-sulfonyl-benzamidine and phenoxyacetyl chloride	460.4
85	4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	4-(2-tert-Butoxy-acetyl)-thiomorpholine-3-carboxylic acid, N-Hydroxy-4-sulfamoyl-benzamidine and phenoxyacetyl chloride	461.4
86	2-Phenoxy-1-[3-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-thiomorpholin-4-yl]-ethanone	4-(2-tert-Butoxy-acetyl)-thiomorpholine-3-carboxylic acid, N-Hydroxy-isonicotin-amidine and phenoxyacetyl chloride	383.4
87	1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methoxy-benzamidine and phenoxyacetic acid	395.5
88	N-(5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-[5-(N-Hydroxycarbamimidoyl)-pyridin-2-yl]-acetamide and phenoxyacetic	423.5
89	1-{2-[3-(2-Imidazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-2-imidazol-1-yl-isonicotinamidine and phenoxyacetic	432.5

Example	Compound name	Starting materials	MH^+ (found)
90	N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Diethylsulfamoyl-N-hydroxybenzamidine and phenoxyacetic acid	500.5
91	N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Dimethylsulfamoyl-N-hydroxybenzamidine and phenoxyacetic acid	472.5
92	4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-sulfamoyl-benzamidine and phenoxyacetic acid	444.4
93	1-{2-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methane-sulfonyl-benzamidine and phenoxyacetic acid	443.5
94	2-Phenoxy-1-[2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxyisonicotin-amidine and phenoxyacetic acid	366.4
95	1-{2-[3-(2,4-Dichloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 2,4-Dichloro-N-hydroxy-benzamidine and phenoxyacetic acid	433.3
96	2-Phenoxy-1-[2-(3-pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-pyridine-2-carboxamidine and phenoxyacetic acid	366.4

Example	Compound name	Starting materials	MH^+ (found)
97	2-Phenoxy-1-[2-(3-pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperazin-2-yl]-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-pyridine-3-carboxamidine and phenoxyacetic acid	366.4
98	1-{2-[3-(4-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-nitro-benzamidine nd phenoxyacetic acid	410.4
99	1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-methoxy-nicotinamidine and phenoxyacetic acid	396.4
100	1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-morpholin-4-yl-nicotinamidine and phenoxy-acetic acid	451.5
101	1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-pyrazine-2-carboxamidine and phenoxy-acetic acid	367.4
102	1-{2-[3-(3-Hydroxymethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-3-hydroxy-methyl-benzamidine and phenoxy-acetic acid	395.4
103	1-{2-[3-(4-Diethylamino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Diethylamino-N-hydroxy-benzamidine and phenoxy-acetic acid	436.5

Example	Compound name	Starting materials	MH^+ (found)
104	1-(2-{3-[4-(Morpholine-4-sulfonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-(morpholine-4-sulfonyl)-benzamidine and phenoxyacetic acid	514.6
105	N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methylsulfamoyl-benzamidine and phenoxyacetic acid	458.4
106	N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-[(2-methoxy-ethyl)-methyl-sulfamoyl]-benz-amidine and phenoxy-acetic acid	516.4
107	1-{2-[3-(4-Chloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Chloro-N-hydroxy-benzamidine and phenoxyacetic acid	399.3
108	N-(4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-[4-(N-Hydroxycarbamimidoyl)-2-trifluoro-methyl-phenyl]-acetamide and phenoxyacetic acid	490.4
109	4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid allyl ester	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-(N-Hydroxycarbamimidoyl)-benzoic acid allyl ester and phenoxyacetic acid	449.4

Example	Compound name	Starting materials	MH^+ (found)
110	1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methyl-3-nitro-benzamidine and phenoxyacetic acid	424.4
111	1-{2-[3-(4-Methoxy-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methoxy-3-nitro-benzamidine and phenoxyacetic acid	440.4
112	1-{2-[3-(4-Chloro-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Chloro-N-hydroxy-3-nitro-benzamidine and phenoxyacetic acid	444.8
113	3-Fluoro-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 3-Fluoro-4-(N-hydroxy-carbamimidoyl)-benzoic acid methyl ester and phenoxyacetic acid	441.4
114	4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethyl ester	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-(N-Hydroxycarbamimidoyl)-pyridine-2-carboxylic acid ethyl ester and phenoxyacetic acid	438.4
115	2-Phenoxy-1-{2-[3-(4-piperidin-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-piperidin-1-yl-benzamidine and phenoxyacetic acid	448.5
116	1-{2-[3-(4-Morpholin-4-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-morpholin-4-yl-benzamidine and phenoxyacetic acid	450.4

Example	Compound name	Starting materials	MH^+ (found)
117	1-(2-{3-[4-(2-Methyl-imidazol-1-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-(2-methyl-imidazol-1-yl)-benzamidine and phenoxyacetic acid	445.4
118	1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-(3H-imidazol-4-yl)-benzamidine and phenoxyacetic acid	431.4
119	4-(5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-piperazin-2-one	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-(3-oxo-piperazin-1-yl)-nicotinamidine and phenoxyacetic acid	464.4
120	1-{2-[3-(6-Imidazol-1-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-imidazol-1-yl-nicotinamidine and phenoxyacetic acid	432.4
121	1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 6-(4-Acetyl-piperazin-1-yl)-N-hydroxy-nicotinamidine and phenoxyacetic acid	492.4
122	2-Phenoxy-1-{2-[3-(4-pyrrol-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-pyrrol-1-yl-benzamidine and phenoxyacetic acid	430.4

Example	Compound name	Starting materials	MH^+ (found)
123	2-Phenoxy-1-{2-[3-(4-trifluoromethanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-trifluoromethane-sulfonyl-benzamidine and phenoxyacetic acid	497.4
124	1-{2-[3-(2-Morpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-2-morpholin-4-yl-isonicotinamidine and phenoxyacetic acid	451.4
125	2-Phenoxy-1-{2-[3-(2-thiomorpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-2-thiomorpholin-4-yl-isonicotinamidine and phenoxyacetic acid	467.4
126	1-(2-{3-[6-(3-Hydroxymethyl-pyrrolidin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-(3-hydroxymethyl-pyrrolidin-1-yl)-nicotinamidine and phenoxyacetic acid	465.4
127	(R)-1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-methoxy-nicotinamidine and phenoxyacetic acid	396.4
128	(R)-1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-morpholin-4-yl-nicotinamidine and phenoxyacetic acid	451.4

Example	Compound name	Starting materials	MH^+ (found)
129	(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-[4-(N-Hydroxycarbamimidoyl)-2-trifluoromethyl-phenyl]-acetamide and phenoxyacetic acid	490.4
130	(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methyl-3-nitro-benzamidine and phenoxyacetic acid	424.4
131	(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 1-{2-[3-(4-Methoxy-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone and phenoxyacetic acid	440.4
132	(R)-1-{2-[3-(4-Morpholin-4-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-morpholin-4-yl-benzamidine and phenoxyacetic acid	450.4
133	(R)-1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-(3H-imidazol-4-yl)-benzamidine and phenoxyacetic acid	431.4

Example	Compound name	Starting materials	MH^+ (found)
134	(R)-1-(2-{3-[6-(3-Hydroxymethyl-pyrrolidin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-6-(3-hydroxymethyl-pyrrolidin-1-yl)-nicotinamidine and phenoxyacetic acid	465.4
135	(R)-1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 6-(4-Acetyl-piperazin-1-yl)-N-hydroxy-nicotinamidine and phenoxyacetic acid	492.5
136	(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide hydrochloride	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-[3-(N-Hydroxycarbamimidoyl)-phenyl]-acetamide and phenoxyacetic acid	422.4
137	(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-1H-benzoimidazole-5-carboxamidine and phenoxyacetic acid	405.5
138	(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-1H-benzotriazole-5-carboxamidine and phenoxyacetic acid	406.4
139	(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone hydrochloride	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-1H-indazole-5-carboxamidine and phenoxyacetic acid	405.4

Example	Compound name	Starting materials	MH^+ (found)
140	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-2-oxo-2,3-dihydro-1H-benzoimidazole-5-carboxamidine and phenoxyacetic acid	421.5
141	(R)-1-(2-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone hydrochloride	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 6-(1,1-Dioxo-thiomorpholin-4-yl)-N-hydroxy-nicotinamidine and phenoxyacetic acid	499.1
142	(R)-1-{2-[3-(3-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-3-nitro-benzamidine and phenoxyacetic acid	410.1
143	(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Fluoro-N-hydroxy-benzamidine and phenoxyacetic acid	383.4
144	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-2-oxo-1,2-dihydro-pyridine-4-carboxamidine and phenoxyacetic acid	382.4
145	1-{4-Acetyl-2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	4-Acetyl-piperazine-1,2-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methoxy-benzamidine and phenoxyacetic acid	437.5

Example	Compound name	Starting materials	MH^+ (found)
146	1-{4-Acetyl-2-[3-(4-methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	4-Acetyl-piperazine-1,2-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-methanesulfonyl-benzamidine and phenoxyacetic acid	485.5
147	4-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide	4-Acetyl-piperazine-1,2-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-sulfamoyl-benzamidine and phenoxyacetic acid	486.5
148	1-[4-Acetyl-2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-2-phenoxy-ethanone	4-Acetyl-piperazine-1,2-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-isonicotinamidine and phenoxyacetic acid	408.5
149	1-{4-Methanesulfonyl-2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	4-Methanesulfonyl-piperazine-1,2-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-4-Methoxy-benzamidine and phenoxyacetic acid	473.2
150	(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Fluoro-N-amino-benzamidine and phenoxyacetic acid	382.4
151	(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone	D-Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 3-Trifluoromethyl-N-amino-benzamidine and phenoxyacetic acid	432.4

Example	Compound name	Starting materials	MH^+ (found)
152	1-{2-[5-(4-Fluoro-3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Fluoro-3-trifluoromethyl-N-amino-benzamidine and phenoxyacetic acid	450.4
153	1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Methanesulfonyl-N-amino-benzamidine and phenoxyacetic acid	442.4
154	2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 3-Trifluoromethyl-N-amino-benzamidine and phenoxyacetic acid	432.4
155	2-Phenoxy-1-[2-(5-p-tolyl-2H-[1,2,4]triazol-3-yl)-piperazin-1-yl]-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Methyl-N-amino-benzamidine and phenoxyacetic acid	378.4
156	2-Phenoxy-1-{2-[5-(4-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Trifluoromethyl-N-amino-benzamidine and phenoxyacetic acid	432.4
157	1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Methoxy-N-amino-benzamidine and phenoxyacetic acid	394.4
158	1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 4-Fluoro-N-amino-benzamidine and phenoxyacetic acid	382.4

Example	Compound name	Starting materials	MH^+ (found)
159	1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 2,4-Difluoro-N-amino-benzamidine and phenoxyacetic acid	400.4
160	1-{2-[5-(3,4-Dimethoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 3,4-Dimethoxy-N-amino-benzamidine and phenoxyacetic acid	424.4
161	1-{2-[5-(3,4-Dichloro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 3,4-Dichloro-N-amino-benzamidine and phenoxyacetic acid	432.4
162	1-{2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 3-Fluoro-N-amino-benzamidine and phenoxyacetic acid	382.4
163	1-{2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 2-Fluoro-N-amino-benzamidine and phenoxyacetic acid	382.4

Example 164

4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide

0.1mmol of 4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide are dissolved in 1ml DMF and 1 eq. DIPEA and Na_2CO_3 added. To the suspension 1eq. of MeI is added and the reaction stirred at room temperature overnight. The product is isolated *via* preparative HPLC.

MS(ISO): 422.4 (MH+)

The following compounds have been prepared in analogy:

Table 2

Example	Compound name	Starting material	MH^+ (found)
165	(R)-1-{2-[3-(1H-Indazol-5yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone	(R)-1-{2-[3-(1H-Indazol-5 yl)-[1,2,4]oxadiazol-5 yl]-piperazin-1-yl}-2-phenoxy-ethanone	419.5
166	(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone	(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin1-yl}-2-phenoxy-ethanone	397.4
167	(R)-5-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one	434.5
168	(R)-5-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one	435.5

Example	Compound name	Starting material	MH^+ (found)
169	(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone	(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	419.5
170	(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone	(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	420.5
171	(R)-1-{4-Methyl-2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone	446.4
172	(R)-1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone	(R)-1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin1-yl}-2-phenoxy-ethanone	408.4
173	(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone	(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin1-yl}-2-phenoxy-ethanone	396.4
174	(R)-1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone	(R)-1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone	456.4
175	(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester	436.5

Example	Compound name	Starting material	MH^+ (found)
176	(R)-N-(3-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide	(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide	435.5
177	(R)-N-(3-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide	(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl) methanesulfonamide	471.5
178	(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	421.5

Example 179

(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid

4 mmol of (R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid benzyl ester were dissolved in MeOH and treated with Pd/C and flushed with hydrogen (3bar) and stirred for 30min. The catalyst was filtered off and the solvent evaporated. After extraction from ethylacetate/water the resulting oil was purified *via* preperative HPLC. The corresponding alkylesters were treated with aq. 2N NaOH or LiOH in methanol at room temperature. The allylester can be cleaved using Pd(Ph3)4 as catalyst and morpholine as a nucleophile.

MS(ISO): 408.5 (MH+)

The following compounds have been prepared in analogy:

Table 3

Example	Compound name	Starting material	MH^+ (found)
180	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	408.5
181	(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid	(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid methylester	409.4
182	(R)-2-Fluoro-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid	(R)-2-Fluoro-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	426.5
183	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid methyl ester	409.4

Example	Compound name	Starting material	MH^+ (found)
184	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethyl ester	409.4
185	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester	407.4
186	3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid	3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	410.5
187	3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid	3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	410.5
188	4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzamide methyl ester	426.4
189	4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-4-yl}-benzamide	4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-4-yl}-benzamide methyl ester	426.4
190	3-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid	3-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	451.5

Example	Compound name	Starting material	MH^+ (found)
191	4-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid	4-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester	451.5
192	(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester	422.5
193	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid ethyl ester	409.5

Example 194

(R)-1-(2-{3-[4-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone

0.07 mmol of (R)- 4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid were treated with 1eq. of TBTU/DIPEA in 1ml DMF for 10min and 2eq. of Morpholine added. Ther reaction is stirred overnight at room temperature and the product isolated *via* preperative HPLC.

MS(ISO): 477.6 (MH+)

The following compounds have been prepared in analogy:

Table 4

Example	Compound name	Starting materials	MH^+ (found)
195	(R)-1-(2-{3-[4-(3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and pyrrolidin-3-ol	477.6
196	(R)-N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and diethylamine	463.6
197	(R)-N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and methylamine	421.5
198	(R)-N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and dimethylamine	435.5

Example	Compound name	Starting materials	MH^+ (found)
199	(R)-N-Ethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and ethylamine	435.5
200	(R)-N-Cyclopropyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and cyclopropylamine	447.5
201	(R)-N-(2-Hydroxy-ethyl)-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and ethanolamine	451.5
202	(R)-N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and (2-methoxy-ethyl)-methyl-amine	479.5
203	(R)-N-Methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and methylamine	421.5
204	(R)-N,N-Dimethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and dimethylamine	435.5
205	(R)-N-Ethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and ethylamine	435.5

Example	Compound name	Starting materials	MH^+ (found)
206	(R)-N-Cyclopropyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and cyclopropylamine	447.5
207	(R)-N-(2-Hydroxy-ethyl)-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and ethanolamine	451.5
208	(R)-N-(2-Methoxy-ethyl)-N-methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and (2-methoxy-ethyl)-methyl-amine	479.5
209	(R)-1-(2-{3-[3-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and morpholine	477.6
210	(R)-1-(2-{3-[3-(3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and pyrrolidin-3-ol	477.6
211	(R)-N,N-Diethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and diethylamine	463.6
212	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid methylamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and methylamine	422.5

Example	Compound name	Starting materials	MH^+ (found)
213	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid dimethylamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and dimethylamine	436.5
214	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethylamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and ethylamine	436.5
215	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid diethylamide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and diethylamine	464.5
216	(R)-1-(2-{3-[2-(Morpholine-4-carbonyl)-pyridin-4-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and morpholine	478.5
217	(R)-1-(2-{3-[2-(3-Methanesulfonyl-pyrrolidine-1-carbonyl)-pyridin-4-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and 3-methanesulfonyl-pyrrolidine	540.5
218	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid methylamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and methylamine	422.4

Example	Compound name	Starting materials	MH^+ (found)
219	(R)-N-Methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and methylamine	420.4
220	1N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	3-[3-(4-Carboxy-phenyl)-[1,2,4]oxadiazol-5-yl]-4-(2-phenoxy-acetyl)-piperazine-1-carboxylic acid tert-butyl ester and diethylamine	464.3
221	1-(2-{3-[4-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone	3-[3-(4-Carboxy-phenyl)-[1,2,4]oxadiazol-5-yl]-4-(2-phenoxy-acetyl)-piperazine-1-carboxylic acid tert-butyl ester and morpholine	478.0
222	N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	3-[3-(4-Carboxy-phenyl)-[1,2,4]oxadiazol-5-yl]-4-(2-phenoxy-acetyl)-piperazine-1-carboxylic acid tert-butyl ester and methylamine	422.4
223	(R)-N-Methyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and methylamine	422.4
224	(R)-N-Ethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and ethylamine	436.5
225	(R)-N-Diethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and diethylamine	436.5

Example	Compound name	Starting materials	MH^+ (found)
226	(R)-N-Diethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and diethylamine	464.5
227	(R)-N-(2-Hydroxy-ethyl)-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4] oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and aminoethanol	452.5
228	(R)-N-(2-Methoxy-ethyl)-N-methyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and (2-Methoxy-ethyl)-methyl-amine	480.6
229	(R)-N-Cyclopropyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and cyclopropylamine	448.5
230	(R)-1-(2-{3-[5-(3-Hydroxy-pyrrolidine-1-carbonyl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and Pyrrolidin-3-ol	478.5

Example 231

(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide

34mg of (R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid were treated with 1eq HATU/DIPEA in DMF and added to 1eq of Rink-Resin. The reaction was shaken overnight at room temperature. The resin was washed with DMF, MeOH, DCM (3 times each) and then treated with TFA/DCM (1:1) for 2h. The resulting yellow oil was purified *via* preparative HPLC.

MS(ISO): 407.5 (MH+)

The following compounds have been prepared in analogy:

Table 5

Example	Compound name	Starting materials	MH^+ (found)
232	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and Rink resin	407.4
233	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid amide	(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid and Rink resin	408.4
234	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Rink resin	406.4
235	4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid and Rink resin	409.5

Example	Compound name	Starting materials	MH^+ (found)
236	4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3 yl]-[1,2,4]oxadiazol-3yl}-benzamide	4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3 yl]-[1,2,4]oxadiazol-3yl}-benzoic acid and Rink resin	425.5
237	4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide	3-[3-(4-Carboxy-phenyl)-[1,2,4]oxadiazol-5-yl]-4-(2-phenoxy-acetyl)-piperazine-1-carboxylic acid tert-butyl ester and Rink resin	408.3
238	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide	(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid and Rink resin	408.5

Example 239

(R)-1-{2-[3-(3-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone

(R)-1-{2-[3-(3-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone were dissolved in 100ml MeOH. 50ml sat. NH_4Cl and Zn-powder were added. The suspension was briefly heated to reflux and stirred for 30min. After filtration the MeOH was evaporated and the product isolated *via* extraction ethylacetate/water.

MS(ISO): 379.5 (MH+)

Example 240

(R)-1-{2-[3-(4-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone

(R)-1-{2-[3-(4-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone were dissolved in 100ml MeOH. 50ml sat. NH_4Cl and Zn-powder were added. The suspension was briefly heated to reflux and stirred for 30min. After filtration the MeOH was evaporated and the product isolated *via* extraction ethylacetate/water.

MS(ISO): 379.5 (MH+)

Example 241

(R)-1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone

(R)-1-{2-[5-(3-Nitro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone were dissolved in 100ml MeOH. 50ml sat. NH_4Cl and Zn-powder were added. The suspension was briefly heated to reflux and stirred for 30min. After filtration the MeOH was evaporated and the product isolated *via* extraction ethylacetate/water.

MS(ISO): 378.5 (MH+)

Example 242

(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide

1mmol (R)-1-{2-[3-(3-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy ethanone were dissolved in THF. 2eq. of DIPEA were added. The reaction was cooled to 0°C. 1eq. of acetylchloride in THF was added dropwise and the reaction stirred for 30min. The product was isolated by extraction from ethylactetade/water and subsequent purification *via* preparative HPLC.

MS(ISO): 421.5 (MH+)

The following compounds have been generated in analogy by using either acetyl chloride, mesylchloride, chloroformic acid allyl ester or ethylisocyanate as the reagent:

Table 6

Example	Compound name	Starting materials	MH^+ (found)
243	(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide	(R)-1-{2-[3-(4-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone and acetyl chloride	421.5
244	(R)-N-(5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide	(R)-1-{2-[3-(6-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone and acytyl chloride	422.5
245	(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide	(R)-1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone and acytyl chloride	420.5
246	(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-methanesulfonamide	(R)-1-{2-[3-(3-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1yl}-2 phenoxy-ethanone and mesyl chloride	457.4

Example	Compound name	Starting materials	MH^+ (found)
247	(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-methane-sulfonamide	(R)-1-{2-[3-(4-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone and mesylchloride	457.4
248	(R)- (3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-carbamic acid allyl ester	(R)-1-{2-[3-(3-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1yl}-2 phenoxy-ethanone acid allyl ester	463.5
249	(R)- (4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-carbamic acid allyl ester	(R)-1-{2-[3-(4-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone and chloroformic acid allyl ester	463.5
250	(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide	(R)-1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone and mesyl chloride	456.5
251	(R)-1-Ethyl-3-(3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-urea	(R)-1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone and ethylisocyanate	449.5

Example 252

(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzonitrile

1.3 mmol (R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide were treated with neat trifluoroacetic anhydride at room temperature overnight. The reaction was quenched with aqueous $NaHCO_3$ and product extracted with ethylacetate twice. The organic layers were washed with water/NaCl, combined, dried over Na2SO4 and the solvent evaporated. The product was purified *via* preparative HPLC.

MS(ISO): 388.5 (MH+)

Example 253

(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinonitrile

0.15mmol of 5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide are treated with trifluoracetic anhydride at room temperature over night. The reaction was quenched with aqueous $NaHCO_3$ and product extracted with ethylacetate twice. The organic layers were washed with water/NaCl, combined, dried over Na2SO4 and the solvent evaporated. The product was purified *via* preparative HPLC.

MS(ISO): 390.4 (MH+)

Example 254

4-Acetyl-piperazine-1,2-dicarboxylic acid 1-tert-butyl ester

10mmol of Piperazine-1,2-dicarboxylic acid 1-tert-butyl ester 2-methyl ester were dissolved in 20ml methylenchloride. 1.05 eq of DIPEA and acetychloride were added. The reaction mixture was stirred at room temperature for 30min. The product was extracted from etylacetate/water. The crude material was re-dissolved in methanol and treated with 2N NaOH. The reaction mixture was stirred at room temperature for 2h. The mixture was neutralized with HCl and the product isolated *via* extraction from ethylacetate/water.

MS(ISO): 271.3 (M-H+)

Example 255

4-Methanesulfonyl-piperazine-1,2-dicarboxylic acid 1-tert-butyl ester

10mmol of Piperazine-1,2-dicarboxylic acid 1-tert-butyl ester 2-methyl ester were dissolved in 20ml methylenchloride. 1.05 eq of DIPEA and mesylchloride were added. The reaction mixture was stirred at room temperature for 30min. The product was extracted from etylacetate/water. The crude material was redissolved in methanol and treated with 2N NaOH. The reaction mixture was stirred at room temperature for 2h. The mixture was neutralized with HCl and the product isolated *via* extraction from ethylacetate/water.

MS(ISO): 307.4 (M-H+)

Example 256

N-Hydroxy-4-sulfamoyl-benzamidine

1mmol of 4-Cyano-benzenesulfonamide are dissolved in a mixture of ethanol/water (7:3) and 5eq of hydroxylamine hydrochloride and 2.5eq. Na2CO3 added. The suspension is heated to 80°C for 2h. After evaporation of the solvent mixture the resulting material is extracted from ethylacetate/water. The product was not further characterized.

MS(ISO): 216.3 (MH+)

All following compounds were prepared in analogy:

Table 7

Example	Compound name	Starting materials
257	3-(N-Hydroxy-carbamimidoyl)-benzoic acid methyl ester	3-Cyano-benzoic acid methyl ester and hydroxylamine
258	4-(N-Hydroxycarbamimidoyl)-pyridine-2-carboxylic acid ethyl ester	4-Cyano-pyridine-2-carboxylic acid ethyl ester
259	3-Fluoro-4-(N-hydroxycarbamimidoyl)-benzoic acid methyl ester	4-Cyano-3-fluoro-benzoic acid methyl ester
260	N-Hydroxy-4-nitro-benzamidine	4-Nitro-benzonitrile and hydroxylamine
261	N-Hydroxy-3-sulfamoyl-benzamidine	3-Cyano-benzenesulfonamide and hydroxylamine
262	N-Hydroxy-6-methoxy-nicotinamidine	6-Methoxy-nicotinonitrile and hydroxylamine
263	N-Hydroxy-3-hydroxymethyl-benzamidine	3-Hydroxymethyl-benzonitrile and hydroxylamine
264	N-Hydroxy-4-imidazol-1-yl-benzamidine	4-Imidazol-1-yl-benzonitrile and hydroxylamine

Example	Compound name	Starting materials
265	N-Hydroxy-6-morpholin-4-yl-nicotinamidine	6-Morpholin-4-yl-nicotinonitrile and hydroxylamine
266	N-Hydroxy-4-trifluoromethanesulfonyl-benzamidine	4-Trifluoromethanesulfonyl-benzonitrile and hydroxylamine
267	N-Hydroxy-4-trifluoromethyl-benzamidine	4-Trifluoromethyl-benzonitrile and hydroxylamine
268	4-Chloro-N-hydroxy-benzamidine	4-Chloro-benzonitrile and hydroxylamine
269	N-[4-(N-Hydroxycarbamimidoyl)-2-trifluoromethyl-phenyl]-acetamide	N-(4-Cyano-2-trifluoromethyl-phenyl)-acetamide and hydroxylamine
270	N-Hydroxy-3-methanesulfonyl-benzamidine	3-Methanesulfonyl-benzonitrile and hydroxylamine
271	N-Hydroxy-4-methyl-3-nitro-benzamidine	4-Methyl-3-nitro-benzonitrile and hydroxylamine
272	N-Hydroxy-4-methoxy-3-nitro-benzamidine	4-Methoxy-3-nitro-benzonitrile and hydroxylamine
273	N-Hydroxy-2-oxo-1,2-dihydro-pyridine-4-carboxamidine	2-Oxo-1,2-dihydro-pyridine-4-carbonitrile
274	N-Hydroxy-6-oxo-1,6-dihydro-pyridine-3-carboxamidine	6-Oxo-1,6-dihydro-pyridine-3-carbonitrile
275	N-Hydroxy-4-(1H-tetrazol-5-yl)-benzamidine	4-(1H-Tetrazol-5-yl)-benzonitrile and hydroxylamine
276	N-Hydroxy-1H-indazole-5-carboxamidine	1H-Indazole-5-carbonitrile and hydroxylamine
277	N-Hydroxy-1H-indazole-6-carboxamidine	1H-Indazole-6-carbonitrile and hydroxylamine

Example	Compound name	Starting materials
278	4-Fluoro-N-hydroxy-3-trifluoromethyl-benzamidine	4-Fluoro-3-trifluoro-methyl-benzonitrile and hydroxylamine
279	N-Hydroxy-2-oxo-2,3-dihydro-1H-indole-6-carboxamidine	2-Oxo-2,3-dihydro-1H-indole-6-carbonitrile and hydroxylamine
280	N-Hydroxy-2-oxo-2,3-dihydro-1H-benzoimidazole-5-carboxamidine	2-Oxo-2,3-dihydro-1H-benzoimidazole-5-carbonitrile and hydroxylamine
281	N-Hydroxy-2-oxo-2,3-dihydro-1H-indole-5-carboxamidine	2-Oxo-2,3-dihydro-1H-indole-5-carbonitrile and hydroxylamine
282	N-Hydroxy-pyridine-2-carboxamidine	Pyridine-2-carbonitrile and hydroxylamine
283	N-Hydroxy-pyridine-3-carboxamidine	Pyridine-3-carbonitrile and hydroxylamine
284	4-Diethylamino-N-hydroxy-benzamidine	4-Diethylamino-benzonitrile and hydroxylamine
285	N-[4-(N-Hydroxycarbamimidoyl)-2-trifluoromethyl-phenyl]-acetamide	N-(4-Cyano-2-trifluoromethyl-phenyl)-acetamide and hydroxylamine
286	4-Chloro-N-hydroxy-3-nitro-benzamidine	4-Chloro-3-nitro-benzonitrile and hydroxylamine
287	N-Hydroxy-4-pyrrol-1yl-benzamidine	4-Pyrrol-1-yl-benzonitrile and hydroxylamine
288	2,4-Dichloro-N-hydroxy-benzamidine	2,4-Dichloro-benzonitrile and hydroxylamine
289	N-Hydroxy-3-(2-oxo-piperidin-1-yl)-benzamidine	3-(2-Oxo-piperidin-1-yl)-benzonitrile and hydroxylamine
290	N-Hydroxy-1H-benzoimidazole-5-carboxamidine	1H-Benzoimidazole-5-carbonitrile

Example	Compound name	Starting materials
291	6-(N-Hydroxy-carbamimidoyl)-nicotinic acid allyl ester	6-Cyano-nicotinic acid allyl ester and hydroxylamine
292	4-(N-Hydroxycarbamimidoyl)-pyridine-2-carboxylic acid ethyl ester	4-Cyano-pyridine-2-carboxylic acid ethyl ester and hydroxylamine
293	3-Fluoro-4-(N-hydroxycarbamimidoyl)-benzoic acid methyl ester	4-Cyano-3-fluoro-benzoic acid methyl ester and hydroxylamine
294	N-Hydroxy-1H-benzotriazole-5-carboxamidine	1H-Benzotriazole-5-carbonitrile
294	6-Benzyloxy-N-hydroxy-nicotinamidine	6-Benzyloxy-nicotinonitrile
295	N-[5-(N-Hydroxycarbamimidoyl)-pyridin-2-yl]-acetamide	N-(5-Cyano-pyridin-2-yl)-acetamide
296	N-[4-(N-Hydroxycarbamimidoyl)-pyridin-2-yl]-acetamide	N-(4-Cyano-pyridin-2-yl)-acetamide

Example 297

N-Hydroxy-4-methylsulfamoyl-benzamidine

5mmol of 4-Cyano-benzenesulfonyl chloride were dissolved in 10ml THF. 10ml of a 2M methylamine/THF solution was added dropwise. The reaction was stirred at room temperature overnight. The solvent was evaporated and the product extracted from ethylacetate/water. The nitril obtained was treated analogously to example 231.

MS(ISO): 230.5 (MH+)

All following compounds were prepared in analogy:

Table 8

Example	Compound name	Starting materials
298	N-Hydroxy-4-(morpholine-4-sulfonyl)-benzamidine	4-Cyano-benzenesulfonyl chloride and morpholine
299	N-Hydroxy-4-(2-hydroxy-ethylsulfamoyl)-benzamidine	4-Cyano-benzenesulfonyl chloride and ethanolamine
300	N-Hydroxy-4-[(2-methoxy-ethyl)-methyl-sulfamoyl]-benzamidine	4-Cyano-benzenesulfonyl chloride and (2-Methoxy-ethyl)-methylamine
301	4-Dimethylsulfamoyl-N-hydroxy-benzamidine	4-Cyano-benzenesulfonyl chloride and dimethylamine
302	4-Diethylsulfamoyl-N-hydroxy-benzamidine	4-Cyano-benzenesulfonyl chloride and diethylamine

Example 303

6-(1,1-Dioxo-thiomorpholin-4-yl)-N-hydroxy-nicotinamidine

10mmol of 6-Cl-4-CN-pyridine are dissolved in 10ml DMF. 20mmol of morpholine are added and the reaction heated to 120°C under microwave conditions for 20min. The DMF is evaporated and the crude extracted from ethylacetate/water. After evaporation the resulting solid was treated with 30mmol of metha-chloroperbenzoic acid in DCM at room temperature overnight and the resulting precipitate filtered off and recrystalized from MeOH. The nitril obtained was treated analogously to example 231.

MS(ISO): 271.5 (MH+)

The following compounds were prepared in analogy.

Table 9

Example	Compound name	Starting materials
304	N-Hydroxy-2-morpholin-4-yl-isonicotinamidine	2-Chloroisonicotinonitrile and morpholin
305	N-Hydroxy-3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-4'-carboxamidine	2-Chloroisonicotinonitrile and piperidin
306	N-Hydroxy-2-thiomorpholin-4-yl-isonicotinamidine	2-Chloroisonicotinonitrile and thiomorpholin
307	2-Diethylamino-N-hydroxy-isonicotinamidine	2-Chloroisonicotinonitrile and diethylamine
308	N-Hydroxy-6-(3-oxo-piperazin-1-yl)-nicotinamidine	2-Chloronicotinonitrile and Piperazin-2-one
309	6-(4-Acetyl-piperazin-1-yl)-N-hydroxy-nicotinamidine	2-Chloronicotinonitrile and 1-acetylpiperazin
310	N-Hydroxy-6-(3-hydroxymethyl-pyrrolidin-1-yl)-nicotinamidine	2-Chloronicotinonitrile and Pyrrolidin-3-yl-methanol
311	N-Hydroxy-6-morpholin-4-yl-nicotinamidine	2-Chloronicotinonitrile and morpholin

Example 312

4-Fluoro-N-amino-benzamidine hydrochloride

82mmol of 3-Cyano-benzoic acid methyl ester were dissolved in 50ml of an HCl-saturated methylenchloride solution and 50ml of methanol. Under ice-bath cooling HCl-gas was bubbled through the solution to keep the temperature under 20°C. The reaction mixture was stirred overnight at room temperature. 100ml of diethylether were added and the resulting solid filtered off, washed with diethylether and dried under vaccum. The resulting imidoether was extracted from ethylacetate/aq. sodiumbicarbonate to result in an oily residue. This was taken up in 25ml methanol and treated with 1ml hydrazin monohydrate at room temperature overnight. The solution was slowly added to a cold solution of 4N HCl/dioxan. 80ml of diethylether were added and the suspension stirred at room temperature for 30 min. The solid was filtered off and washed with diethylether and dried under vacuum. The product was confirmed by MS.

MS(ISO): 194.4 (MH+)

The following compounds were prepared in analogy:

Table 10

Example	Compound name	Starting materials
313	4-Fluoro-N-amino-3-trifluoromethyl-benzamidine hydrochloride	4-Fluoro-3-trifluoromethyl-benzonitrile and hydrazine
314	N-Amino-4-methanesulfonyl-benzamidine hydrochloride	4-Methanesulfonyl-benzonitril and hydrazine
315	N-Amino-3-trifluoromethyl-benzamidine hydrochloride	m-Trifluoromethyl-benzonitril and hydrazine
316	N-Amino-4-methyl-benzamidine hydrochloride	p-Tolunitril and hydrazine
317	N-Amino-4-trifluoromethyl-benzamidine hydrochloride	p-Trifluoromethyl-benzonitril and hydrazine
318	N-Amino-4-methoxy-benzamidine hydrochloride	4-Methoxybenzonitrile and hydrazine

Example	Compound name	Starting materials
319	N-Amino-2,4-difluoro-benzamidine hydrochloride	2,4-Difluorobenzonitrile and hydrazine
320	N-Amino-3,4-dimethoxy-benzamidine hydrochloride	3,4-Dimethoxybenzonitrile and hydrazine
321	N-Amino-3,4-dichloro-benzamidine hydrochloride	3,4-Dichlorobenzonitrile and hydrazine
322	N-Amino-benzamidine hydrochloride	Benzonitrile and hydrazine
323	N-Amino-3-Nitro-benzamidine hydrochloride	3-Nitrobenzonitrile and hydrazine
324	N-Amino-3-methylester-benzamidine hydrochloride	3-Cyano-benzoic acid methyl ester and hydrazine
325	N-Amino-2-oxo-2,3-dihydro-1H-indole-6-carboxamidine	2-Oxo-2,3-dihydro-1H-indole-6-carbonitrile and hydrazine
326	N-Amino-2-fluoro-benzamidine hydrochloride	2-Fluorobenzonitrile and hydrazine

Example 327

6-Cyano-nicotinic acid allyl ester

4 mmol of 6-Cyanonicotinic acid were dissolved in THF. 1.5eq. of Cs2CO3 were added and the reaction stirred for 10min. 1.5eq allylbromide and a catalytic amount of KI were added and the reaction heated to 100°C for 4h. The product was isolated *via* extraction from etylacetate/water.

MS(ISO): 222.5 (MH+)

Example 328

1H-Benzotriazole-5-carbonitrile

10mmol of 3,4-Diamino-benzonitrile were suspended in water/acetic acid (4:1) and cooled to 0°C. 1.05eq of NaNO2 were dissolved in water and added inert 30min. The reaction was stirred at room temperature overnight. The precipitate was filtered off, washed with ether and dried under vacuum. The intermediate was not further characterized.

Example 329

6-Benzyloxy-nicotinonitrile

20mmol of 6-Chloro-nicotinonitrile were dissolved in THF. 1.1 eq. of benzyl alcohol were added. The reaction mixture was coold to 0°C and flushed with argon. 4eq of NaH were added slowely. After 15min the product was isolated *via* extraction from ethylacetate/water.

MS(ISO): 211.5 (MH+)

Example 330

N-(5-Cyano-pyridin-2-yl)-acetamide

8mmol of 6-Amino-nicotinonitrile were dissolved in THF. 2eq of DIPEA were added. The reaction mixture was coold to 0°C and 1.0 eq of acetylchloride in THF added dropwise and the reaction stirred for 2h. The product was isolated by extraction from ethylacetate/water.

MS(ISO): 162.2 (MH+)

Example 331

N-(4-Cyano-pyridin-2-yl)-acetamide

8mmol of 2-Amino-isonicotinonitrile were dissolved in THF. 2eq of DIPEA were added. The reaction mixture was coold to 0°C and 1.0 eq of acetylchloride in THF added dropwise and the reaction stirred for 2h. The product was isolated by extraction from ethylacetate/water.

MS(ISO): 162.2 (MH+)

The following compounds were generated in analogy to to example 1

Example	Compound name	Starting materials	MH+ (found)
332	1-{2-[3-(2-Methyl-1H-benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-2-methyl-1H-benzoimidazole-5-carboxamidine and phenoxyacetyl chloride	418.5
333	1-{2-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 2-Amino-N-hydroxy-isonicotinamidine and phenoxyacetic acid	380.5
334	1-{2-[3-(3-Hydroxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 3-N-Dihydroxy-benzamidine and phenoxyacetic acid	380.5
335	4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one	Boc-D-Pipecolic Acid, 2,N-Dihydroxy-isonicotinamidine and phenoxyacetyl chloride	381.4
336	1-{2-[3-(4-Hydroxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 4-N-Dihydroxy-benzamidine and phenoxyacetic acid	379.6

Example	Compound name	Starting materials	MH+ (found)
337	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenylboronic acid	Boc-D-Pipecolic Acid, 3-(N-Hydroxycarbamidoyl)-phenylboronic acid and phenoxyacetyl chloride	407.7
338	4-(2-Oxo-2-{2-[3-(2-oxo-2,3-dihydro-1H-indol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethoxy)-benzonitrile	Boc-D-Pipecolic Acid, N-Hydroxy-2-oxo-2,3-dihydro-1H-indole-5-carboxamidine and 4-cyanophenoxyacetic acid	443.7
339	4-(2-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-oxo-ethoxy)-benzonitrile	Boc-D-Pipecolic Acid, N-Hydroxy-4-methoxy-benzamidine and 4-cyanophenoxyacetic acid	419.3
340	2-Methyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-3H-pyrimidin-4-one	Boc-D-Pipecolic Acid, 4,N-Dihydroxy-2-methyl-pyrimidine-5-carboxamidine and phenoxyacetyl chloride	396.2
341	1-[(R)-2-(3-Furan-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-furan-2-carboxamidine and phenoxyacetyl chloride	354.2
342	1-[(R)-2-(3-Imidazo[1,2-a]pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-imidazo[1,2-a]pyridine-2-carboxamidine and phenoxyacetyl chloride	404.2
343	1-{(R)-2-[3-(4-Methyl-[1,2,3]thiadiazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-4-methyl-[1,2,3]thiadiazole-5-carboxamidine and phenoxyacetyl chloride	386.2

Example	Compound name	Starting materials	MH+ (found)
344	1-{(R)-2-[3-(2,5-Dimethyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-2,5-dimethyl-2H-pyrazole-3-carboxamidine and phenoxyacetyl chloride	382.2
345	2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-1H-pyrazole-4-carboxamidine and phenoxyacetyl chloride	354.2
346	1-{(R)-2-[3-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-5-methyl-isoxazole-3-carboxamidine and phenoxyacetyl chloride	369.2
347	2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-1H-pyrazole-3-carboxamidine and phenoxyacetyl chloride	354.2
348	5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyrimidine-2,4-dione	Boc-D-Pipecolic Acid, 2,4,N-Trihydroxy-pyrimidine-5-carboxamidine and phenoxyacetyl chloride	398.2
349	1-{(R)-2-[3-(6-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 6-Amino-N-hydroxy-nicotinamidine and phenoxyacetyl chloride	380.5
350	1-[(R)-2-(3-Imidazo[1,2-a]pyridin-6-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Hydroxy-imidazo[1,2-a]pyridine-6-carboxamidine and phenoxyacetyl chloride	404.2

Example	Compound name	Starting materials	MH+ (found)
351	6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-4H-benzo[1,4]oxazin-3-one	Boc-D-Pipecolic Acid, N-Hydroxy-3-oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carboxamidine and phenoxyacetyl chloride	435.2
352	6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,4-dihydro-benzo[d][1,3]oxazin-2 one	Boc-D-Pipecolic Acid, N-Hydroxy-2-oxo-1,4-dihydro-2H-benzo[d][1,3]oxazine-6-carboxamidine and phenoxyacetyl chloride	435.2
353	1-((R)-2-{3-[3-(1,1-Dioxo-1λ6-isothiazolidin-2-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 3-(1,1-Dioxo-1λ6-isothiazolidin-2-yl)-N-hydroxy-benzamidine and phenoxyacetyl chloride	483.3
354	1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-pyrrolidin-2-one	Boc-D-Pipecolic Acid, N-Hydroxy-3-(2-oxo-pyrrolidin-1-yl)-benzamidine and phenoxyacetyl chloride	447.3
355	1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-imidazolidine-2,4-dione	Boc-D-Pipecolic Acid, 3-(2,4-Dioxo-imidazolidin-1-yl)-N-hydroxy-benzamidine and phenoxyacetyl chloride	462.5
356	4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-2,4-dihydro-[1,2,4]triazol-3-one	Boc-D-Pipecolic Acid, N-Hydroxy-3-(5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl)-benzamidine and phenoxyacetyl chloride	447.5
357	1-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-pyrrolidine-2,5-dione	Boc-D-Pipecolic Acid, 3-(2,5-Dioxo-pyrrolidin-1-yl)-5-fluoro-N-hydroxy-benzamidine and phenoxyacetyl chloride	479.2

Example	Compound name	Starting materials	MH+ (found)
358	5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one	Boc-D-Pipecolic Acid, N-Amino-2-Oxo-2,3-dihydro-1H-indole-5-carboxamidine and phenoxyacetic acid	418.5
359	1-{(R)-2-[5-(1H-Indazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-1H-Indazole-5-carboxamidine and phenoxyacetic acid	403.5
360	1-{(R)-2-[5-(1H-Indol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-1H-Indole-5-carboxamidine and phenoxyacetic acid	402.5
361	1-{(R)-2-[5-(3H-Benzotriazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-3H-Benzotriazole-5-carboxamidine and phenoxyacetic acid	402.5 (M-H+)
362	5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-benzoimidazol-2-one	Boc-D-Pipecolic Acid, N-Amino-2-Oxo-2,3-dihydro-1H-benzoimidazole-5-carboxamidine and phenoxyacetic acid	419.5
363	1-{(R)-2-[5-(2-Methyl-1H-benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-2-Methyl-1H-benzoimidazole-5-carboxamidine and phenoxyacetic acid	417.5
364	1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-2-Amino-isonicotinamidine and phenoxyacetic acid	379.5

Example	Compound name	Starting materials	MH+ (found)
365	5-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-3H-[1,3,4]oxadiazol-2-one	Boc-D-Pipecolic Acid, N-Amino-3-(5-Oxo-4,5-dihydro-[1,3,4]oxadiazol-2-yl)-benzamidine and phenoxyacetic acid	446.7
366	1-{(R)-2-[5-(3-[1,3,4]Oxadiazol-2-yl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, N-Amino-3-[1,3,4]Oxadiazol-2-yl-benzamidine and phenoxyacetic acid	430.7
367	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenylboronic acid	Boc-D-Pipecolic Acid, N-Amino-3-Carbamidoyl-phenylboronic acid and phenoxyacetic acid	407.5

Example 368:

6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-4H-benzo[1,4]oxazin-3-one

Step 1:

2-Hydrazinocarbonyl-piperidine-1-carboxylic acid tert-butyl ester

3g of (R)-Piperidine-1,2-dicarboxylic acid 1-tert-butyl ester were dissolved in 30 ml DMF. 5g HATU and 2.2 ml DIPEA were added and the reaction mixture cooled to 0°C. 4 eq. of Hydrazine-Monohydrate in 30 ml DMF were added and the reaction warmed to rt and stirred for 1h. The crude product was extrated from ethylacetate/aq. NaHCO3.

MS(ISO): 244.3 (MH+)

Step 2:

6-(5-Piperidin-2-yl-1H-[1,2,4]triazol-3-yl)-4H-benzo[1,4]oxazin-3-one

1.5 mmol of 2-Hydrazinocarbonyl-piperidine-1-carboxylic acid tert-butyl ester were dissolved in 3 ml DMF. 1eq of 3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carboxamidine and 90ul acetic acid were added and the reaction mixture heated to 120°C overnight. The solvent was evaporated and the crude extracted from ethylacetate/water. The resulting oil was taken up in 15 ml DCM and treated with 3 ml TFA. The reaction mixture was reduced to dryness.

Step 3:

6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-4H-benzo[1,4]oxazin-3-one

Crude product from step 3 was taken up in DMF and cooled to 0°C. 4 eq. DIPEA and 1eq of phenoxyacetyl chloride were added dropwise and the reaction mixture warmed to rt and stirred for additional 30min. The product was isolated *via* preparative HPLC.

The following compounds were generated in analogy to example 368

Example	Compound name	Starting materials	MH+ (found)
369	1-[(R)-2-(5-Imidazo[1,2-a]pyridin-6-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, Imidazo[1,2-a]pyridine-6-carboxamidine and phenoxyacetic acid	443.7
370	1-{(R)-2-[5-(6-Amino-pyridin-3-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 6-Amino-nicotinamidineand phenoxyacetic acid	379.1
371	1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 1H-Benzoimidazole-5-carboxamidine and phenoxyacetic acid	403.2
372	2-Phenoxy-1-[(R)-2-(5-pyridin-3-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone	Boc-D-Pipecolic Acid, Nicotinamidine and phenoxyacetic acid	364.2

Example	Compound name	Starting materials	MH+ (found)
373	1-{(R)-2-[5-(3,5-Dimethyl-isoxazol-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 3,5-Dimethyl-isoxazole-4-carboxamidine and phenoxyacetic acid	382.2
374	2-Phenoxy-1-[(R)-2-(5-thiophen-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone	Boc-D-Pipecolic Acid, Thiophene-2-carboxamidine and phenoxyacetic acid	369.1
375	2-Phenoxy-1-[(R)-2-(5-pyrimidin-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone	Boc-D-Pipecolic Acid, Pyrimidine-2-carboxamidine and phenoxyacetic acid	365.1
376	1-{(R)-2-[5-(4-Methyl-oxazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 4-Methyl-oxazole-5-carboxamidine and phenoxyacetic acid	368.1
377	2-Phenoxy-1-[(R)-2-(5-pyrazin-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone	Boc-D-Pipecolic Acid, Pyrazine-2-carboxamidine and phenoxyacetic acid	365.1
378	1-{(R)-2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 2-Fluoro-benzamidine and phenoxyacetic acid	381.1
379	1-{(R)-2-[5-(3,5-Difluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 3,5-Difluoro-benzamidine and phenoxyacetic acid	399.1
380	1-{(R)-2-[5-(2-Methyl-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 2-Methyl-isonicotinamidine and phenoxyacetic acid	378.1

Example	Compound name	Starting materials	MH+ (found)
381	1-{(R)-2-[5-(3-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 3-Fluoro-benzamidine and phenoxyacetic acid	381.1
382	1-{(R)-2-[5-(3,4-Difluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	Boc-D-Pipecolic Acid, 3,4-Difluoro-benzamidine and phenoxyacetic acid	399.1
383	6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,4-dihydro-benzo[d][1,3]oxazin-2-one	Boc-D-Pipecolic Acid, 2-Oxo-1,4-dihydro-2H-benzo[d][1,3]oxazine-6-carboxamidine and phenoxyacetic acid	434.5
384	7-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-3,4-dihydro-1H-quinazolin-2-one	Boc-D-Pipecolic Acid, 2-Oxo-1,2,3,4-tetrahydro-quinazoline-7-carboxamidine and phenoxyacetic acid	433.5
385	1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-imidazolidine-2,4-dione	Boc-D-Pipecolic Acid, 3-(2,4-Dioxo-imidazolidin-1-yl)-benzamidine and phenoxyacetic acid	461.3

The following compounds were generated in analogy to example 1

Example	Compound name	Starting materials	MH+ (found)
386	1-{(R)-3-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone	(R)-Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, 2-Amino-N-hydroxy-isonicotinamidine and phenoxyacetyl chloride	381.6

Example	Compound name	Starting materials	MH+ (found)
387	1-{(R)-3-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone	(R)-Morpholine-3,4-dicarboxylic acid 4-tert-butyl ester, N-Hydroxy-1H-benzoimidazole-5-carboxamidine and phenoxyacetyl chloride	406.2
388	1-{(R)-2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-1H-benzoimidazole-5-carboxamidine and phenoxyacetic acid	405.4
389	5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, N-Hydroxy-2-oxo-2,3-dihydro-1H-indole-5-carboxamidine and phenoxyacetic acid	420.4
390	1-{(R)-2-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone	Piperazine-1,3-dicarboxylic acid 1-tert-butyl ester, 2-Amino-N-hydroxy-isonicotinamidine and phenoxyacetic acid	380.6

Example 391

(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetic acid

The title compound was prepared in analogy to example 180 from (3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetic acid methylester. MS: 436.5 (M-H+)

The following compounds were generated in analogy to example 194

Example	Compound name	Starting materials	MH+ (found)
392	2-Phenoxy-1-((R)-2-{5-[3-(piperidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and piperidine	474.6
393	1-((R)-2-{5-[3-(Morpholine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and morpholine	476.6
394	1-((R)-2-{5-[3-(4-Methyl-piperazine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and N-methylpiperazine	489.7
395	4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperazin-2-one	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Piperazin-2-one	489.6
396	N-(2-Methoxy-ethyl)-N-methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and (2-Methoxy-ethyl)-methyl-amine	478.6
397	1-((R)-2-{5-[3-(4-Acetyl-piperazine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and 1-Piperazin-1-yl-ethanone	517.7
398	1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperidine-4-carboxylic acid	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Piperidine-4-carboxylic acid	518.6

Example	Compound name	Starting materials	MH+ (found)
399	1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperidine-4-carboxylic acid amide	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Piperidine-4-carboxylic acid amide	517.7
400	2-Phenoxy-1-((R)-2-{5-[3-(thiazolidine-3-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Thiazolidine	478.6
401	N-(2-Dimethylamino-ethyl)-N-methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and N,N,N'-Trimethyl-ethane-1,2-diamine	491.7
402	2-Phenoxy-1-((R)-2-{5-[3-(thiomorpholine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and thiomorpholine	492.8
403	4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperazine-1-carboxylic acid ethyl ester	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Piperazine-1-carboxylic acid ethyl ester	547.7
404	N-(2-Hydroxy-ethyl)-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and aminoethanol	450.6
405	N-Methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-N-(2-pyridin-2-yl-ethyl)-benzamide	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Methyl-(2-pyridin-2-yl-ethyl)-amine	525.7

Example	Compound name	Starting materials	MH+ (found)
406	N-(2-Cyano-ethyl)-N-cyclopropyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and 3-Cyclopropylamino-propionitrile	499.6
407	1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-4-phenyl-piperidine-4-carbonitrile	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and 4-Phenyl-piperidine-4-carbonitrile	575.7
408	1-((R)-2-{5-[3-(4-Hydroxy-piperidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and Piperidin-4-ol	490.6
409	8-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-1,3,8-triaza-spiro[4.5]decane-2,4-dione	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and 1,3,8-Triaza-spiro[4.5]decane-2,4-dione	558.6
410	1-(2-{5-[3-(Spiro(1-Phtalan)-piperidine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and 4-Spiro(1-Phtalan)-piperidine	578.7
411	2-Phenoxy-1-((R)-2-{5-[3-(3-pyridin-4-yl-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and 4-Pyrrolidin-3-yl-pyridine	537.7

Example	Compound name	Starting materials	MH+ (found)
412	1-((R)-2-{5-[3-(3-Methanesulfonyl-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and 3-Methanesulfonyl-pyrrolidine	538.6
413	1-((R)-2-{5-[3-((S)-3-Ethoxy-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and (S)-3-Ethoxy-pyrrolidine	504.6
414	1-((R)-2-{5-[3-((S)-3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid and (S)-3-Hydroxy-pyrrolidine	476.6

The following compounds were generated according to example 231

Example	Compound name	Starting materials	MH+ (found)
415	5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-nicotinamide	5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-nicotinic acid and Rink resin	407.5
416	2-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetamide	(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetic acid and Rink resin	437.5

The following compounds were generated according to example 242

Example	Compound name	Starting materials	MH+ (found)
417	N-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide	1-{2-[3-(3-Amino-5-fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone and acetyl chloride	439.1
418	N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide	Boc-D-Pipecolic Acid ,N-[2-Fluoro-5-(N-hydroxycarbamidoyl)-phenyl]-acetamide and phenoxyacetyl chloride	439.1
419	N-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-propionamide	1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone and propionic acid chloride	434.5
420	N-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-isobutyramide	1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone and isobutyric acid chloride	448.6

The following compounds were generated according to example 1

Example	Compound name	Starting materials	MH+ (found)
421	N-(4-Fluoro-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide	2-Hydrazinocarbonyl-piperidine-1-carboxylic acid tert-butyl ester, N-(3-Carbamidoyl-4-fluoro-phenyl)-acetamide and phenoxyacetic acid	438.5

Example	Compound name	Starting materials	MH+ (found)
422	N-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide	2-Hydrazinocarbonyl-piperidine-1-carboxylic acid tert-butyl ester, N-(3-Carbamimidoyl-5-fluoro-phenyl)-acetamide and phenoxyacetic acid	348.5
423	N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide	2-Hydrazinocarbonyl-piperidine-1-carboxylic acid tert-butyl ester, N-(3-Carbamimidoyl-6-fluoro-phenyl)-acetamide and phenoxyacetic acid	348.5

Example 424

N-(4-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-pyridin-2-yl)-acetamide

The title compound was generated in analogy to example 242 from 1-{2-[5-(2-Amino-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone and acetyl chloride. MS 421.5 (MH+)

Example 425

1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-azetidin-2-one

75mg of 1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone were dissolved in MDF and 40ul DIPEA added. 34 mg of 3-Bromo-propionyl chloride were added at 0°C and the reaction warmed up to rt and stirred for another 30min. The reaction mixture was heated to 120°C using microwave heating and the product was isolated *via* preparative HPLC.

MS(ISO): 432.5 (MH+)

Example 426

1-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-pyrrolidine-2,5-dione

0.1 mmol of 1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone were dissolved in 1 ml DMF and 1eq of succinic anhydride added. The reaction was stirred overnight and the intermediate (N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-succinamic acid) isolated *via* preparative HPLC. The isolated material was redissolved in DMF and 1eq of HATU was added. The reaction mixture was heated to 120°C using microwave heating. The product was isolated *via* preparative HPLC.

MS(ISO): 460.5 (MH+)

Example 427

2-Phenoxy-1-[(R)-2-(5-pyridazin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone

Step 1:

(R)-2-(N-Hydroxycarbamidoyl)-piperidine-1-carboxylic acid tert-butyl ester

3g of (R)-N-Boc-2-Cyanopiperidine (14 mmol) were treated with 70mmol of hydrazine hydrochloride and 35mmol sodium carbonate in a mixture of ethanol/water (7:3) and heated to 50°C overnight. The solvent was evaporated and the crude extracted from ethylacetate/water. The organic layer was dried over sodium sulfate. After evaporation a white solid was obtained in quanitative yield.

MS(ISO): 244.5 (MH+)

Step 2:

(R)- 2-(5-Pyridazin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidine-1-carboxylic acid tert-butyl ester

0.2mmol of pyridazine-4-carboxylic acid, HATU and Diisopropylethylamine were dissolved in 1ml DMF and stirred for 15 min. 0.2mmol of (R)-2-(N-Hydroxycarbamidoyl)-piperidine-1-carboxylic acid tert-butyl ester were added. The reaction was heated to 80°C and stirred overnight. The DMF was evaporated and the crude extracted from ethylacetate/water. The crude product was not further characterized.

Step 3:

(R) 4-(3-Piperidin-2-yl-[1,2,4]oxadiazol-5-yl)-pyridazine trifluoroacetate

Crude material from step 3 was treated with neat TFA at room temperature for 1h. The solvent was evaporated. The crude product was not further characterized.

Step 4:

2-Phenoxy-1-[(R)-2-(5-pyridazin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone

Crude material from step 3 was dissolved in 1ml DMF and 0.1mmol DIPEA. Either 0.1mmol phenoxyacetyl chloride were added and the reaction stirred at room temperature for 30min, or the corresponding phenoxyacetic acid derivatives were pre-activated with HATU/DIPEA in DMF for 10min and added to the crude material from step 3. The product was isolated *via* preperative high performance liquid chromatography (HPLC).

MS(ISO): 366.5 (MH+)

The following compounds were generated in analogy to example 427

Example	Compound name	Starting materials	MH+ (found)
428	4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-benzonitrile	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 4-Cyanobenzoic acid and Phenoxyacetyl chloride	389.3
429	1-{(R)-2-[5-(3-Amino-pyrazin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-Amino-pyrazine-2-carboxylic acid and phenoxyacetyl chloride	381.3
430	3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-benzonitrile	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-Cyanobenzoic acid and phenoxyacetyl chloride	389.3

Example	Compound name	Starting materials	MH+ (found)
431	1-{(R)-2-[5-(2-Hydroxy-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2-Hydroxy-nicotinic and phenoxyacetyl chloride	379.4 (M-H+)
432	1-{(R)-2-[5-(5-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 5-Amino-nicotinic acid and phenoxyacetyl chloride	380.3
433	1-{(R)-2-[5-(2-Hydroxy-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2-Hydroxy-isonicotinic acid and phenoxyacetyl chloride	381.2
434	1-{(R)-2-[5-(2-Hydroxy-6-methyl-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2-Hydroxy-6-methyl-isonicotinic acid and phenoxyacetyl chloride	395.2
435	1-{(R)-2-[5-(4-Hydroxy-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 4-Hydroxy-pyridine-2-carboxylic acid and phenoxyacetyl chloride	381.2

Example	Compound name	Starting materials	MH+ (found)
436	1-{(R)-2-[5-(2-Amino-5-chloro-pyrimidin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2-Amino-5-chloro-pyrimidine-4-carboxylic acid and phenoxyacetyl chloride	415.2
437	2-Phenoxy-1-[(R)-2-(5-pyrazin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, Pyrazine-2-carboxylic acid and phenoxyacetyl chloride	366.2
438	2-Phenoxy-1-{(R)-2-[5-(4-[1,2,4]triazol-1-yl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 4-[1,2,4]Triazol-1-yl-benzoic acid and phenoxyacetyl chloride	431.2
439	2-Phenoxy-1-{(R)-2-[5-(4-tetrazol-1-yl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 4-Tetrazol-1-yl-benzoic acid and phenoxyacetyl chloride	432.2
440	1-{(R)-2-[5-(1H-Benzoimidazol-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 1H-Benzoimidazole-4-carboxylic acid and phenoxyacetyl chloride	404.2
441	1-{(R)-2-[5-(4-Acetyl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 4-Acetyl-benzoic acid and phenoxyacetyl chloride	406.2

Example	Compound name	Starting materials	MH+ (found)
442	1-{(R)-2-[5-(6-Hydroxy-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Hydroxy-pyridine-2-carboxylic acid and phenoxyacetyl chloride	381.2
443	1-{(R)-2-[5-(5-Methyl-pyrazin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 5-Methyl-pyrazine-2-carboxylic acid and phenoxyacetyl chloride	380.2
444	2-Phenoxy-1-[(R)-2-(5-quinoxalin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, Quinoxaline-2-carboxylic acid and phenoxyacetyl chloride	416.2
445	1-{(R)-2-[5-(3-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-Methanesulfonyl-benzoic acid and phenoxyacetyl chloride	442.2
446	1-{(R)-2-[5-(6-Chloro-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Chloro-nicotinic acid and phenoxyacetyl chloride	399.1
447	1-[(R)-2-(5-Benzothiazol-6-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, Benzothiazole-6-carboxylic acid and phenoxyacetyl chloride	421.2

Example	Compound name	Starting materials	MH+ (found)
448	2-Phenoxy-1-{(R)-2-[5-(2,4,5-trifluoro-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2,4,5-Trifluoro-benzoic acid and phenoxyacetyl chloride	418.2
449	2-Phenoxy-1-{(R)-2-[5-(6-trifluoromethyl-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Trifluoromethyl-nicotinic acid and phenoxyacetyl chloride	433.2
450	1-[(R)-2-(5-Benzo[1,2,3]thiadiazol-5-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, Benzo[1,2,3]thiadiazole-5-carboxylic acid and phenoxyacetyl chloride	422.2
451	1-[(R)-2-(5-[1,8]Naphthyridin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, [1,8]Naphthyridine-2-carboxylic acid and phenoxyacetyl chloride	416.2
452	1-[(R)-2-(5-[1,6]Naphthyridin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, [1,6]Naphthyridine-2-carboxylic acid and phenoxyacetyl chloride	416.2

Example	Compound name	Starting materials	MH+ (found)
453	1-[(R)-2-(5-Cinnolin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, Cinnoline-4-carboxylic acid and phenoxyacetyl chloride	416.2
454	1-{(R)-2-[5-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 1H-Benzotriazole-5-carboxylic acid and phenoxyacetyl chloride	405.2
455	1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 1H-Benzoimidazole-5-carboxylic acid and phenoxyacetyl chloride	404.2
456	1-{(R)-2-[5-(3,6-Dichloro-pyridazin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3,6-Dichloro-pyridazine-4-carboxylic acid and phenoxyacetyl chloride	435.2
457	6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-4H-benzo[1,4]oxazin-3-one	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carboxylic acid and phenoxyacetyl chloride	435.2

Example	Compound name	Starting materials	MH+ (found)
458	1-{(R)-2-[5-(3H-Imidazo[4,5-b]pyridin-6-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3H-Imidazo[4,5-b]pyridine-6-carboxylic acid and phenoxyacetyl chloride	405.1
459	N-(4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-pyridin-2-yl)-acetamide	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2-Acetylamino-isonicotinic acid and phenoxyacetic acid	422.2
460	1-{(R)-2-[5-(6-Chloro-3-hydroxy-pyridazin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Chloro-3-hydroxy-pyridazine-4-carboxylic acid and phenoxyacetyl chloride	416.1
461	6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-1,4-dihydro-quinoxaline-2,3-dione	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2,3-Dioxo-1,2,3,4-tetrahydro-quinoxaline-6-carboxylic acid and phenoxyacetyl chloride	448.1
462	1-{(R)-2-[5-(6-Hydroxy-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Hydroxy-nicotinic acid and phenoxyacetyl chloride	381.1

Example	Compound name	Starting materials	MH+ (found)
463	7-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-3,4-dihydro-1H-quinoxalin-2-one	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-Oxo-1,2,3,4-tetrahydro-quinoxaline-6-carboxylic acid and phenoxyacetic acid	434.2
464	1-{(R)-2-[5-(6-Amino-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Amino-pyridine-2-carboxylic acid and phenoxyacetic acid	380.2
465	6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-nicotinonitrile	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 5-Cyano-pyridine-2-carboxylic acid and phenoxyacetic acid	390.1
466	5-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-pyridine-2-carbonitrile	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Cyano-nicotinic acid and phenoxyacetic acid	390.1
467	4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-1,2-dihydro-indazol-3-one	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-Oxo-2,3-dihydro-1H-indazole-4-carboxylic acid and phenoxyacetic acid	420.2
468	1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2-Amino-isonicotinic acid and phenoxyacetic acid	380.1

Example	Compound name	Starting materials	MH+ (found)
469	1-{(R)-2-[5-(6-Hydroxy-pyrimidin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 6-Hydroxy-pyrimidine-4-carboxylic acid and phenoxyacetic acid	382.1
470	4-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-2,4-dihydro-[1,2,4]triazol-3-one	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-(5-Oxo-1,5-dihydro-[1,2,4]triazol-4-yl)-benzoic acid and phenoxyacetic acid	447.2
471	1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-imidazolidine-2,4-dione	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-(2,4-Dioxo-imidazolidin-1-yl)-benzoic acid and phenoxyacetic acid	462.2
472	1-((R)-2-{5-[3-(1,1-Dioxo-1□6-isothiazolidin-2-yl)-phenyl]-[1,2,4]oxadiazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-(1,1-Dioxo-1□6-isothiazolidin-2-yl)-benzoic acid and phenoxyacetic acid	483.2
473	1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-pyrrolidin-2-one	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-(2-Oxo-pyrrolidin-1-yl)-benzoic acid and phenoxyacetic acid	447.2

Example	Compound name	Starting materials	MH+ (found)
474	1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-1,3-dihydro-imidazol-2-one	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-(2-Oxo-2,3-dihydro-imidazol-1-yl)-benzoic acid and phenoxyacetic acid	446.2
475	3-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-imidazolidine-2,4-dione	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-(2,5-Dioxo-imidazolidin-1-yl)-benzoic acid and phenoxyacetic acid	462.2
476	1-{(R)-2-[5-(1-Methyl-1H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 1-Methyl-1H-pyrazole-3-carboxylic acid and phenoxyacetic acid	368.2
477	2-Phenoxy-1-{(R)-2-[5-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 1H-Pyrazole-3-carboxylic acid and phenoxyacetic acid	354.1
478	1-{(R)-2-[5-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 5-Methyl-isoxazole-3-carboxylic acid and phenoxyacetic acid	369.1

Example	Compound name	Starting materials	MH+ (found)
479	1-{(R)-2-[5-(2,5-Dimethyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 2,5-Dimethyl-2H-pyrazole-3-carboxylic acid and phenoxyacetic acid	382.2
480	1-{(R)-2-[5-(5-Methyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 5-Methyl-2H-pyrazole-3-carboxylic acid and phenoxyacetic acid	368.2
481	1-{(R)-2-[5-(3-Methyl-isoxazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone	(R)-2-(N Hydroxycarb-amidoyl)-piperidine-1-carboxylic acid tert-butyl ester, 3-Methyl-isoxazole-5-carboxylic acid and phenoxyacetic acid	369.1

The following intermediate compounds were prepared in analogy to example 256

Example	Intermediate name	Starting materials
482	N-Hydroxy-2-imidazol-1-yl-isonicotinamidine	2-Imidazol-1-yl-isonicotinonitrile and hydroxylamine
483	N-Hydroxy-4-(3H-imidazol-4-yl)-benzamidine	4-(3H-Imidazol-4-yl)-benzonitrile and hydroxylamine
484	N-Hydroxy-4-(2-methyl-imidazol-1-yl)-benzamidine	4-(2-Methyl-imidazol-1-yl)-benzonitrile and hydroxylamine
485	N-Hydroxy-2-pyrazol-1-yl-isonicotinamidine	2-Pyrazol-1-yl-isonicotinonitrile and hydroxylamine

Example	Intermediate name	Starting materials
486	5-(N-Hydroxycarbamidoyl)-nicotinic acid ethyl ester	5-Cyano-nicotinic acid ethyl ester and hydroxylamine
487	N-Hydroxy-4-piperidin-1-yl-benzamidine	4-Piperidin-1-yl-benzonitrile and hydroxylamine
488	N-Hydroxy-4-morpholin-1-yl-benzamidine	4-Morpholin-1-yl-benzonitrile and hydroxylamine
489	N-Hydroxy-6-imidazol-1-yl-nicotinamidine	6-Imidazol-1-yl-nicotinonitrile and hydroxylamine
490	N-[3-(N-Hydroxycarbamidoyl)-phenyl]-acetamide	N-(3-Cyano-phenyl)-acetamide and hydroxylamine
491	4-(N-Hydroxycarbamidoyl)-benzoic acid benzyl ester	N-(3-Cyano-phenyl)- 4-Cyano-benzoic acid benzyl ester and hydroxylamine
492	5-(N-Hydroxycarbamidoyl)-pyridine-2-carboxylic acid methyl ester	5-Cyano-pyridine-2-carboxylic acid methyl ester and hydroxylamine
493	2-Fluoro-4-(N-hydroxycarbamidoyl)-benzoic acid ethyl ester	4-Cyano-2-fluoro-benzoic acid ethyl ester and hydroxylamine
494	4-(N-Hydroxycarbamidoyl)-benzoic acid methyl ester	4-Cyano-benzoic acid methyl ester and hydroxylamine
495	[3-(N-Hydroxycarbamidoyl)-phenoxy]-acetic acid methyl ester	(3-Cyano-phenoxy)-acetic acid methyl ester and hydroxylamine
496	N-Hydroxy-2-methyl-1H-benzoimidazole-5-carboxamidine	2-Methyl-1H-benzoimidazole-5-carbonitrile and hydroxylamine
497	2-Amino-N-hydroxy-isonicotinamidine	2-Amino-isonicotinonitrile and hydroxylamine
498	3,N-Dihydroxy-benzamidine	3-Hydroxy-benzonitrile and hydroxylamine

Example	Intermediate name	Starting materials
499	4,N-Dihydroxy-benzamidine	4-Hydroxy-benzonitrile and hydroxylamine
500	4-(N-Hydroxycarbamimidoyl)-benzoic acid	4-Cyano-phenylboronic acid and hydroxylamine
501	N-Hydroxy-furan-2-carboxamidine	Furan-2-carbonitrile and hydroxylamine
502	N-Hydroxy-4-methyl-[1,2,3]thiadiazole-5-carboxamidine	4-Methyl-[1,2,3]thiadiazole-5-carbonitrile and hydroxylamine
503	N-Hydroxy-2,5-dimethyl-2H-pyrazole-3-carboxamidine	2,5-Dimethyl-2H-pyrazole-3-carbonitrile and hydroxylamine
504	N-Hydroxy-1H-pyrazole-4-carboxamidine	1H-Pyrazole-4-carbonitrile and hydroxylamine
505	N-Hydroxy-5-methyl-isoxazole-3-carboxamidine	5-Methyl-isoxazole-3-carbonitrile and hydroxylamine
506	N-Hydroxy-1H-pyrazole-3-carboxamidine	1H-Pyrazole-3-carbonitrile and hydroxylamine
507	N-Hydroxy-2,4-dioxo-1,2,3,4-tetrahydro-pyrimidine-5-carboxamidine	2,4-Dioxo-1,2,3,4-tetrahydro-pyrimidine-5-carbonitrile and hydroxylamine
508	6-Amino-N-hydroxy-nicotinamidine	6-Amino-nicotinonitrile and hydroxylamine
509	N-Hydroxy-imidazo[1,2-a]pyridine-6-carboxamidine	Imidazo[1,2-a]pyridine-6-carbonitrile and hydroxylamine
510	N-[4-Fluoro-3-(N-hydroxycarbamimidoyl)-phenyl]-acetamide	N-(3-Cyano-4-fluoro-phenyl)-acetamide and hydroxylamine

Example	Intermediate name	Starting materials
511	N-[5-Fluoro-3-(N-hydroxycarbamimidoyl)-phenyl]-acetamide	N-(3-Cyano-5-fluoro-phenyl)-acetamide and hydroxylamine
512	N-[6-Fluoro-3-(N-hydroxycarbamimidoyl)-phenyl]-acetamide	N-(3-Cyano-6-fluoro-phenyl)-acetamide and hydroxylamine
513	N-Hydroxy-3-oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carboxamidine	3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carbonitrile and hydroxylamine
514	N-Hydroxy-2-oxo-1,4-dihydro-2H-benzo[d][1,3]oxazine-6-carboxamidine	2-Oxo-1,4-dihydro-2H-benzo[d][1,3]oxazine-6-carbonitrile and hydroxylamine
515	N-Hydroxy-2-oxo-1,2,3,4-tetrahydro-quinazoline-7-carboxamidine	2-Oxo-1,2,3,4-tetrahydro-quinazoline-7-carbonitrile and hydroxylamine
516	3-(1,1-Dioxo-1□6-isothiazolidin-2-yl)-N-hydroxy-benzamidine	3-(1,1-Dioxo-1□6-isothiazolidin-2-yl)-benzonitrile and hydroxylamine
517	N-Hydroxy-3-(2-oxo-pyrrolidin-1-yl)-benzamidine	3-(2-Oxo-pyrrolidin-1-yl)-benzonitrile and hydroxylamine
518	3-(2,4-Dioxo-imidazolidin-1-yl)-N-hydroxy-benzamidine	3-(2,4-Dioxo-imidazolidin-1-yl)-benzonitrile and hydroxylamine
519	N-Hydroxy-3-(5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl)-benzamidine	3-(5-Oxo-1,5-dihydro-[1,2,4]triazol-4-yl)-benzonitrile and hydroxylamine

The following compounds were generated according to example 312

Example	Intermediate name	Starting materials
520	N-Amino-2-Oxo-2,3-dihydro-1H-indole-5-carboxamidine hydrochloride	2-Oxo-2,3-dihydro-1H-indole-5-carbonitrile and hydrazine
521	N-Amino-1H-Indazole-5-carboxamidine hydrochloride	1H-Indazole-5-carbonitrile and hydrazine
522	N-Amino-1H-Indole-5-carboxamidine hydrochloride	1H-Indole-5-carbonitrile and hydrazine
523	N-Amino-1H-Benzotriazole-5-carboxamidine hydrochloride	1H-Benzotriazole-5-carbonitrile and hydrazine
524	N-Amino-2-Oxo-2,3-dihydro-1H-benzoimidazole-5-carboxamidine hydrochloride	2-Oxo-2,3-dihydro-1H-benzoimidazole-5-carbonitrile and hydrazine
525	N-Amino-N-Hydroxy-2-methyl-1H-benzoimidazole-5-carboxamidine hydrochloride	2-Methyl-1H-benzoimidazole-5-carbonitrile and hydrazine
526	N-Amino-2-Amino-isonicotinamidine hydrochloride	2-Amino-isonicotinonitrile and hydrazine
527	N-Amino-3-(5-Oxo-4,5-dihydro-[1,3,4]oxadiazol-2-yl)-benzamidine hydrochloride	3-(5-Oxo-4,5-dihydro-[1,3,4]oxadiazol-2-yl)-benzonitrile and hydrazine
528	N-Amino-3-[1,3,4]Oxadiazol-2-yl-benzamidine hydrochloride	3-[1,3,4]Oxadiazol-2-yl-benzonitrile and hydrazine
529	N-Amino-3-Carbamidoyl-phenylboronic acid hydrochloride	3-Cyano-phenylboronic acid and hydrazine
530	N-Amino-2-fluoro-benzamidine hydrochloride	2-Fluorobenzonitrile and hydrazine and hydrazine

Example	Intermediate name	Starting materials
531	N-Amino-6-Amino-nicotinamidine hydrochloride	6-Amino-nicotinonitrile and hydrazine
532	N-Amino-4-Carbamimidoyl-benzoic acid methyl ester hydrochloride	4-Cyano-benzoic acid methyl ester and hydrazine
533	N-Amino-4-Fluoro-benzamidine hydrochloride	4-Fluoro-benzonitrile and hydrazine
534	N-Amino-3-Fluoro-benzamidine hydrochloride	3-Fluoro-benzonitrile and hydrazine

Example 535

N-(5-Cyano-2-fluoro-phenyl)-acetamide

10 mmol of 3-Amino-4-fluoro-benzonitrile were dissolved in 30 ml THF. 1.5eq of DIPEA were added and the reaction mixture cooled to 0°C. 1.2 eq of acetylchloride were added dropwise, the reaction warmed up to rt and stirred for additional 30 min. The solvent was evaporated and the product isolated via extraction from ethylacetate and saturated $NaHCO_3$ solution.

MS(ISO): 179.2 (MH+)

Example 536

N-(3-Cyano-5-fluoro-phenyl)-acetamide

The title compound was prepared in analogy to example 535 from 3-Amino-5-Fluoro-benzonitril. MS(ISO): 179.2 (MH+)

Example 537

N-(3-Cyano-4-fluoro-phenyl)-acetamide

The title compound was prepared in analogy to example 535 from 5-Amino-2-Fluoro-benzonitril. MS(ISO): 179.2 (MH+)

Example 538

3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carbonitrile

24 mmol of 4-Hydroxy-3-nitrobenzonitrile were dissolved in DMF. 1.1 eq of Cs2CO3 were added and the reaction stirred at rt for 15 min. 1.5 eq of ethylbromo acetate were added and the reaction mixture heated to 50°C for 2h. The intermediate was isolated via extraction from ethylacetate/water. The organic layer was separated and dried over Na2SO4. After evaporation the resulting solid was redissolved in MeOH and sat. NH4Cl (1:1). 8 g of Zn powder were added and the suspension stirred at rt for 2h. The solid was filtered off and the organic layer evaporated. Ethylacetate was added and the organic layer washed with sat. NaHCO3. The organic layer was separated again , dried over Na2SO4 and reduced resulting in a light brown solid. MS(ISO): 175.2 (MH+)

Example 539

2-Oxo-1,4-dihydro-2H-benzo[d][1,3]oxazine-6-carbonitrile

20 mmol of 4-Amino-3-hydroxymethyl-benzonitrile were dissolved in THF. 1.2 eq. of DIPEA were added and the reaction cooled to 0°C. 3.5eq of ethyl chloroformate were added dropwise and the reaction warmed to rt and stirred for another 15min. The crude material was extracted form etyhlacetate and sat. NaHCO3. After separation, and drying of the organic layer the solvent was evaporated and the crude taken up in toluene. 2.5 ml of DBU were added and the reaction mixture refluxed for 4h. The organic layer was extracted with water and the organic layer separated and reduced resulting in a yellow oil. Crude material was not further characterized.

Example 540

2-Oxo-1,2,3,4-tetrahydro-quinazoline-7-carbonitrile

24 mmol of 2-Nitro-4-chloro-benzylamine hydrochloride were dissolved in THF. 2.2 eq of DIPEA were added and the reaction mixture cooled to 0°C. 3.5 eq. of ethyl chloroforamte were added dropwise and the reaction stirred for 15 min. After extraction from ethylacetate/sat. NaHCO3 and evaporation of the organic layer a light brown solid resulted. This was taken up in MeOH/sat. NH4Cl (1:1). 6g of Zn was added and the suspension stirred at rt for 4h. The solid was filtered off, the methanol reduced and the product isolated via extraction with ethylacetate. After evaporation a light yellow solid resulted. MS(ISO): 174.2 (MH+)

Example 541

3-(5-Oxo-1,5-dihydro-[1,2,4]triazol-4-yl)-benzonitrile

2 g of 3-Aminobenzonitril were dissolved in 20 ml MeOH. 1.8 ml of trimethyl orthoformate, hydrazinecarboxylic acid methyl ester and cat. para-toluenesulfonic acid

were added. The reaction mixture was heated to 65°C for 3h. The suspension was cooled to rt and 9 ml of NaOMe solution were added and the reaction mixture stirred at rt for 2h. Water was added and the pH adjusted to 1 using aq. HCl (25%). The resulting suspension was filtered off and dried under vaccum. MS(ISO): 187.2 (MH+)

Example 542

3-(2,4-Dioxo-imidazolidin-1-yl)-benzonitrile

1 g of 3-Aminobenzonitril were dissolved in 60 ml Dioxan and 0.8ml of Chloro-acetyl isocyanate added. The reaction mixture was stirred at rt for 2h. 2.5ml of DBU were added and the reaction mixture stirred at rt for 40h. The prodcut was extracted with DCM. MS(ISO): 202.2 (MH+)

Example 543

3-(1,1-Dioxo-1λ6-isothiazolidin-2-yl)-benzonitrile

1 g of 3-Aminobenzonitril were dissolved in 10 ml DCM and 2.2 ml of DIPEA. 1.3 ml of 3-Chloro-propane-1-sulfonyl chloride were added and the reaction mixture stirred at rt overnight. The organic layer was evaporated, the crude taken up in DMF and 1.5 ml DBU added. The reaction mixture was stirred at rt overnight. DCM was added and the organic phase washed with water. The organic layer was separated, dried over Na2SO4 and evaporated. MS(ISO): 232.2 (MH+)

Example 544

3-(2-Oxo-pyrrolidin-1-yl)-benzonitrile

2 g of 3-Aminobenzonitril were dissolved in 20 ml DMF and 4.4 ml of DIPEA. The reaction mixture was cooled to 0°C and 2 ml of 4-chloro-butyryl chloride added. The reaction mixture was stirred at rt for 1h. 5 ml of DBU were added and the reaction mixture stirred at rt overnight. DCM was added and the organic phase washed with 1N HCL and water. The organic layer was separated, dried over Na2SO4 and evaporated. MS(ISO): 187.2 (MH+)

Example 545

6-Chloro-3-hydroxy-pyridazine-4-carboxylic acid

2 mmol of 3,6-Dichloropyridazine-4-carboxylic acid are treated with 8 ml of aqueous 2N NaOH and refluxed for 1h. The reaction mixture was acidified to pH=1. The resulting white solid was filtered off and dried under vacuum. MS(ISO): 173.2 (M-H+)

Example 546

3-(5-Oxo-1,5-dihydro-[1,2,4]triazol-4-yl)-benzoic acid

13 mmol of methyl-3-aminobenzoate were dissolved in 20 ml MeOH. 12 mmol of trimethylorthoformiate, 12 mmol methyl hydrazinocarboxylate and 50 mg of p-toluenesulfonic acid were added. The suspension was heated for 48h to 65°C. 37mmol of sodium methanolate were added and stirred for additional 2h. The organic layer was reduced and water was added. The solution was acidified to pH =1 and the resulting solid filtered off to result in 5.7 mmol of product. MS(ISO): 204.2 (M-H+)

Example 547

3-(2,4-Dioxo-imidazolidin-1-yl)-benzoic acid

12 mmol of ethyl-3-aminobenzoate were dissolved in 120 ml Dioxan. 1eq of chloroacetyl isocyanate were added. The reaction mixture was stirred at rt for 1h and then heated to 120°C for an additional 2h. The reaction was cooled to rt, 2eq of DBU added and again stirred at rt overnight. The solvent was evaporated and the crude extrated from DCM. The crude material was dissolved in 20 ml MeOH and 4 ml of 4N NaOH were added. The reaction mixture was stirred at rt for 20h. After evaporation of the oranic layer the aqeuous phase was acidified to pH=1 and the resulting white solid was filtered off and dried under vacuum. MS(ISO): 219.2 (M-H+)

Example 548

3-(1,1-Dioxo-1λ6-[1,2,5]thiadiazolidin-2-yl)-benzoic acid

13 mmol of methyl-3-aminobenzoate were dissolved in 20 ml DCM and 3 ml of TEA added. 1.6 ml of 3-chloropropanesulfonyl chloride were added slowly under argon atmosphere. The reaction mixture was stirred at rt overnight and washed with 1N HCl. The organic layer was separated, dried over Na2SO4 and reduced under vacuum. The resulting crude was taken up in 16 ml DMF and 2.4 ml of DBU added. The reaction mixture was stirred at rt for 2h and washed with 1N HCl. The crude material was dissolved in 20 ml MeOH and 4 ml of 2N NaOH were added. The reaction mixture was stirred at rt for 72h and acidified with HCl to pH=1. The resulting white solid was filtered off and dried under vacuum. MS(ISO): 241.3 (M-H+)

Example 549

3-(2-Oxo-2,3-dihydro-imidazol-1-yl)-benzoic acid

12 mmol of ethyl-3-aminobenzoate were dissolved in 20 ml DCM and 2 ml of TEA added. The reaction mixture was cooled to °C and 1.5 ml Diphosgen were added slowly. The reaction mixture was warmed to rt and stirred for an additional 1h under argon atmosphere. The reaction mixture was poored on ice and the organic layer separated, dried over Na2SO4 and reduced under vacuum. The crude material was taken up in 30 ml DCM and 1.3 ml of aminoacetaldehyde dimethylacetal were added. The reaction mixture was stirred for 3h at rt. The organic layer was washed with sat. NaHCO3, separated and dried over Na2SO4. After evaporation of the solvent the resulting crude material was purified via Kieselgel chromatography. 200 mg of the product were dissolved in 5 ml MeOH and 2 ml of 2N NaOH added. The reaction mixture was stirred at rt for 2h, acidified with HCl to pH=1 and the resulting white solid filtered off. MS(ISO): 203.2 (M-H+)

Example 550

3-(2,5-Dioxo-imidazolidin-1-yl)-benzoic acid

13 mmol of methyl-3-aminobenzoate were dissolved in 20 ml DCM and 1.7 ml of ethyl isocyanatoacetate added. The reaction mixture was stirred at rt for 1h. The solvent was evaporated and the resulting crude taken up in 50 ml acetone. 50 ml of aq. HCl (25%) were added and heated to reflux for 8h. After evaporation of the organic layer the resulting solid was filtered off, washed with water and dried under vacuum. MS(ISO): 219.2 (M-H+)

Example 551

3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carboxamidine

8.7 mmol of N-Hydroxy-3-oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-carboxamidine were dissolved in 25 ml acetic acid. 5 eq. of ammonium formiate and 0.05 eq. of Pd/C (10%) were added and the reaction mixture heated to reflux overnight. The reaction mixture was concentrated, cooled to 0°C and the pH adjusted to 8 using aq. NaOH (28%). The resulting solid was filtered off and washed with water. MS(ISO): 192.2 (M-H+)

The following intermediate compounds were generated in analogy to example 551

Example	Intermediate name	Starting material
552	Imidazo[1,2-a]pyridine-6-carboxamidine	N-Hydroxy-imidazo[1,2-a]pyridine-6-carboxamidine
553	1H-Benzoimidazole-5-carboxamidine	N-Hydroxy-1H-benzoimidazole-5-carboxamidine
554	Nicotinamidine	N-Hydroxy-nicotinamidine
555	3,5-Dimethyl-isoxazole-4-carboxamidine	N-Hydroxy-3,5-dimethyl-isoxazole-4-carboxamidine
556	Thiophene-2-carboxamidine	N-Hydroxy-thiophene-2-carboxamidine
556	Pyrimidine-2-carboxamidine	N-Hydroxy-pyrimidine-2-carboxamidine
557	4-Methyl-oxazole-5-carboxamidine	N-Hydroxy-4-methyl-oxazole-5-carboxamidine
558	Pyrazine-2-carboxamidine	N-Hydroxy-pyrazine-2-carboxamidine
559	2-Methyl-isonicotinamidine	N-Hydroxy-2-methyl-isonicotinamidine
560	2-Oxo-1,4-dihydro-2H-benzo[d][1,3]oxazine-6-carboxamidine	N-Hydroxy-2-oxo-1,4-dihydro-2H-benzo[d][1,3]oxazine-6-carboxamidine
561	2-Oxo-1,2,3,4-tetrahydro-quinazoline-6-carboxamidine	N-Hydroxy-2-oxo-1,2,3,4-tetrahydro-quinazoline-6-carboxamidine
562	3-(2,4-Dioxo-imidazolidin-1-yl)-benzamidine	3-(2,4-Dioxo-imidazolidin-1-yl)-N-hydroxy-benzamidine

Example	Intermediate name	Starting material
563	N-(3-Carbamidoyl-4-fluoro-phenyl)-acetamide	N-[4-Fluoro-3-(N-hydroxycarbamidoyl)-phenyl]-acetamide
564	N-(3-Carbamidoyl-5-fluoro-phenyl)-acetamide	N-[5-Fluoro-3-(N-hydroxycarbamidoyl)-phenyl]-acetamide
565	N-(3-Carbamidoyl-6-fluoro-phenyl)-acetamide	N-[6-Fluoro-3-(N-hydroxycarbamidoyl)-phenyl]-acetamide

Example A

Film coated tablets containing the following ingredients can be manufactured in a conventional manner:

Ingredients	Per tablet	
Kernel:		
Compound of formula (I)	10.0 mg	200.0 mg
Microcrystalline cellulose	23.5 mg	43.5 mg
Lactose hydrous	60.0 mg	70.0 mg
Povidone K30	12.5 mg	15.0 mg
Sodium starch glycolate	12.5 mg	17.0 mg
Magnesium stearate	1.5 mg	4.5 mg
(Kernel Weight)	120.0 mg	350.0 mg
Film Coat:		
Hydroxypropyl methyl cellulose	3.5 mg	7.0 mg
Polyethylene glycol 6000	0.8 mg	1.6 mg
Talc	1.3 mg	2.6 mg
Iron oxyde (yellow)	0.8 mg	1.6 mg
Titan dioxide	0.8 mg	1.6 mg

The active ingredient is sieved and mixed with microcristalline cellulose and the mixture is granulated with a solution of polyvinylpyrrolidon in water. The granulate is mixed with sodium starch glycolate and magesiumstearate and compressed to yield kernels of 120 or 350 mg respectively. The kernels are lacquered with an aqueous solution / suspension of the above mentioned film coat.

Example B

Capsules containing the following ingredients can be manufactured in a conventional manner:

Ingredients	Per capsule
Compound of formula (I)	25.0 mg
Lactose	150.0 mg
Maize starch	20.0 mg
Talc	5.0 mg

The components are sieved and mixed and filled into capsules of size 2.

Example C

Injection solutions can have the following composition:

Compound of formula (I)	3.0 mg
Polyethylene Glycol 400	150.0 mg
Acetic Acid	q.s. ad pH 5.0
Water for injection solutions	ad 1.0 ml

The active ingredient is dissolved in a mixture of Polyethylene Glycol 400 and water for injection (part). The pH is adjusted to 5.0 by Acetic Acid. The volume is adjusted to 1.0 ml by addition of the residual amount of water. The solution is filtered, filled into vials using an appropriate overage and sterilized.

Example D

Soft gelatin capsules containing the following ingredients can be manufactured in a conventional manner:

Capsule contents

Compound of formula (I)	5.0 mg
Yellow wax	8.0 mg
Hydrogenated Soya bean oil	8.0 mg
Partially hydrogenated plant oils	34.0 mg
Soya bean oil	110.0 mg
Weight of capsule contents	165.0 mg
Gelatin capsule	
Gelatin	75.0 mg
Glycerol 85 %	32.0 mg
Karion 83	8.0 mg (dry matter)
Titan dioxide	0.4 mg
Iron oxide yellow	1.1 mg

The active ingredient is dissolved in a warm melting of the other ingredients and the mixture is filled into soft gelatin capsules of appropriate size. The filled soft gelatin capsules are treated according to the usual procedures.

Example E

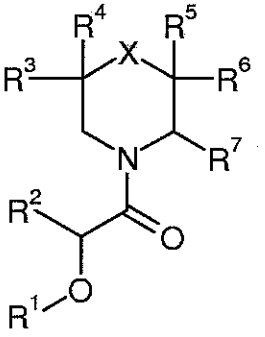
Sachets containing the following ingredients can be manufactured in a conventional manner:

Compound of formula (I)	50.0 mg
Lactose, fine powder	1015.0 mg
Microcristalline cellulose (AVICEL PH 102)	1400.0 mg
Sodium carboxymethyl cellulose	14.0 mg
Polyvinylpyrrolidon K 30	10.0 mg
Magnesiumstearate	10.0 mg
Flavoring additives	1.0 mg

The active ingredient is mixed with lactose, microcristalline cellulose and sodium carboxymethyl cellulose and granulated with a mixture of polyvinylpyrrolidon in water. The granulate is mixed with magnesiumstearate and the flavouring additives and filled into sachets.

Claims:

1. Compounds of formula (I)



(I)

wherein

X is $C(R^8R^9)$, NR^{10}, O, S, S(O), $S(O_2)$;

R^1 is phenyl optionally substituted with 1 to 3 substituents selected from the group consisting of halogen, hydroxy, lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy and CN;

R^2 is hydrogen or lower-alkyl;

R^3 and R^4 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^3 and R^4 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^5 and R^6 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^5 and R^6 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^7 is an oxadiazolyl or triazolyl, which oxadiazolyl or triazolyl is substituted with R^{11} and optionally substituted with R^{12};

R^8 and R^9 independently from each other are hydrogen, halogen, hydroxy, lower-alkyl, lower-alkoxy; or

R^8 and R^9 are bound together and $-R^8-R^9-$ is $-(CH_2)_{2-7}-$ to form a ring together with the carbon atom to which they are attached;

R^{10} is hydrogen, lower-alkyl, lower-alkyl-carbonyl or lower-alkyl-sulfonyl;

R^{11} is aryl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyrimidinyl, pyridinyl-2-one, oxadiazolyl, indazolyl, 1,3-dihydro-benzimidazol-2-

one, 1,3-dihydro-indol-2-one, benztriazolyl, imidazopyridinyl, triazolepyridinyl,tetrazolepyridinyl, benzimidazolyl, 2-oxo-2,3-dihydro-1H-indol-5-yl, pyrimidin-4-one, furanyl, thiadiazolyl, pyrazolyl, isoxazolyl, pyrimidine-2,4-dione, benzooxazin-3-one, 1,4-dihydro-benzooxazin-2-one, indolyl, thiophenyl, oxazolyl, benzooxazin-2-one, 3,4-dihydro-quinazolin-2-one, pyridazinyl, quinoxalinyl, benzothiazolyl, benzothiadiazolyl, naphthyridinyl, cinnolinyl, 1,4-dihydro-quinoxaline-2,3-dione and 1,2-dihydro-indazol-3-one, which aryl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy, $B(OH)_2$, carboxy-lower-alkoxy, carbamoyl-lower-alkoxy, cyano, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, phenyl-lower-alkoxy, [1,3,4]oxadiazol-2-one, oxadiazolyl, triazolyl and isoxazolyl, which imidazolyl is optionally substituted with lower-alkyl, and which phenyl-lower-alkoxy is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl, and which pyrazolyl is optionally substituted with lower-alkyl, and which isoxazolyl is optionally substituted with lower-alkyl;

R^{12} is hydrogen or lower-alkyl;

R^{13} is lower-alkyl, $NR^{17}R^{18}$ or fluoro-lower-alkyl;

R^{14} is OH, $NR^{19}R^{20}$, lower-alkoxy, lower-alkenyl-oxy or lower-alkyl;

R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkenyl-oxy-carbonyl, NH_2-carbonyl, lower-alkyl-NH-carbonyl, (lower-alkyl)$_2$N-carbonyl or phenyl-lower-alkyl, which phenyl-lower-alkyl is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl; or

$NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperazinyl, pyrrolidinyl, 1,1-dioxo-isothiazolidinyl, pyrrolidin-2-one, imidazolidine-2,4-dione, 2,4-dihydro[1,2,4]triazol-3-one, pyrrolidine-2,5-dione, azetidin-2-one and 1,3-dihydro-imidazol-2-one, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl;

R^{17} and R^{18} independently from each other are hydrogen, lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or

$NR^{17}R^{18}$ is morpholinyl;

R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl, (lower-alkyl)$_2$N-lower-alkyl, pyridinyl-lower-alkyl or cyano-lower-alkyl; or

$NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl, pyrrolidinyl, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperidinyl, piperazinyl, piperazin-2-one, thiazolidinyl, thiomorpholinyl, 1,3,8-triaza-spiro[4,5]decane-2,4-dione and spiro(1-phtalan)-piperidine-4-yl, which heterocyclyl is optionally substituted with hydroxy, lower-alkyl-S(O_2), lower-alkyl, lower-alkyl-carbonyl, carboxy, carbamoyl, lower-alkoxy-carbonyl, cyano, phenyl, pyridinyl or lower-alkoxy;

and pharmaceutically acceptable salts and esters thereof;

wherein

the term "lower-alkyl", alone or in combination with other groups, refers to a branched or straight-chain monovalent alkyl radical of one to seven carbon atoms;

the term "lower-alkoxy" refers to the group R'-O-, wherein R' is a lower-alkyl;

the term "lower-alkenyl", alone or in combination with other groups, refers to a straight-chain or branched hydrocarbon residue comprising an olefinic bond and up to 7 carbon atoms; and

the term "cycloalkyl" refers to a monovalent carbocyclic radical of 3 to 10 carbon atoms.

2. Compounds according to claim 1, wherein

X is $C(R^8R^9)$, NR^{10}, O, S, S(O), $S(O_2)$;

R^1 is phenyl optionally substituted with 1 to 3 substituents selected from the group consisting of halogen, hydroxy, lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy and CN;

R^2 is hydrogen or lower-alkyl;

R^3 and R^4 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^3 and R^4 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^5 and R^6 independently from each other are hydrogen, halogen, lower-alkyl or lower-alkoxy, or R^5 and R^6 together are =O to form a carbonyl group together with the carbon atom to which they are attached;

R^7 is an oxadiazolyl or triazolyl, which oxadiazolyl or triazolyl is substituted with R^{11} and optionally substituted with R^{12};

R^8 and R^9 independently from each other are hydrogen, halogen, hydroxy, lower-alkyl, lower-alkoxy; or

R^8 and R^9 are bound together and $-R^8-R^9-$ is $-(CH_2)_{2-7}-$ to form a ring together with the carbon atom to which they are attached;

R^{10} is hydrogen, lower-alkyl, lower-alkyl-carbonyl or lower-alkyl-sulfonyl;

R^{11} is aryl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyrimidinyl, pyridinyl-2-one, oxadiazolyl, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl, imidazopyridinyl, triazolepyridinyl,tetrazolepyridinyl and benzimidazolyl, which aryl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, and phenyl-lower-alkoxy, which imidazolyl is optionally substituted with lower-alkyl and which phenyl-lower-alkoxy is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl;

R^{12} is hydrogen or lower-alkyl;

R^{13} is lower-alkyl, $NR^{17}R^{18}$ or fluoro-lower-alkyl;

R^{14} is OH, $NR^{19}R^{20}$, lower-alkoxy or lower-alkenyl-oxy;

R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkenyl-oxy-carbonyl, NH_2-carbonyl, lower-alkyl-NH-carbonyl, (lower-alkyl)$_2$N-carbonyl or phenyl-lower-alkyl, which phenyl-lower-alkyl is optionally substituted with hydroxy, halogen, lower-alkyl, lower-alkoxy or fluoro-lower-alkyl; or

$NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, 8-oxa-3-aza-bicyclo[3.2.1]octyl, piperazinyl and pyrrolidinyl, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl;

R^{17} and R^{18} independently from each other are hydrogen, lower-alkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or

$NR^{17}R^{18}$ is morpholinyl;

R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl or lower-alkoxy-lower-alkyl; or

$NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl, pyrrolidinyl and 8-oxa-3-aza-bicyclo[3.2.1]octyl, which heterocyclyl is optionally substituted with hydroxy or lower-alkyl-$S(O_2)$;

and pharmaceutically acceptable salts and esters thereof.

3. Compounds according to any of claims 1 - 2, wherein R^1 is phenyl optionally substituted with halogen, hydroxy, hydroxy-lower-alkyl or CN.

4. Compounds according to any of claims 1 - 3, wherein R^1 is phenyl.

5. Compounds according to any of claims 1 - 4, wherein R^2 is hydrogen.

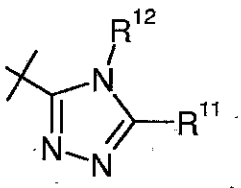
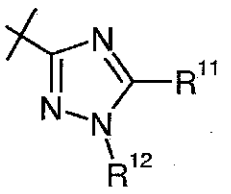
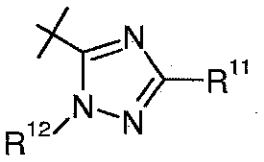
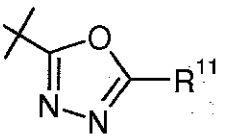
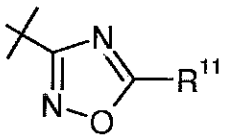
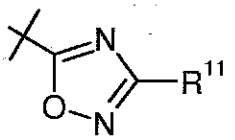
6. Compounds according to any of claims 1 - 5, wherein R^3 is hydrogen.

7. Compounds according to any of claims 1 - 6, wherein R^4 is hydrogen.

8. Compounds according to any of claims1 - 7, wherein R^5 is hydrogen.

9. Compounds according to any of claims 1 - 8, wherein R^6 is hydrogen.

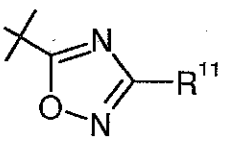
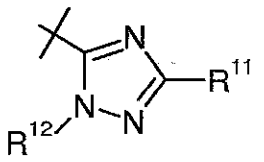
10. Compounds according to any of claims 1 - 9, wherein R^7 is

or

wherein R^{11} and R^{12} are as defined in claim 1.

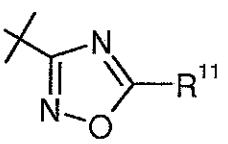
11. Compounds according to any of claims 1 – 10, wherein R^7 is

or

wherein R^{11} and R^{12} are as defined in claim 1.

12. Compounds according to any of claims 1 – 10, wherein R^7 is



wherein R^{11} is as defined in claim 1.

13. Compounds according to any of claims 1 - 12, wherein X is $C(R^8R^9)$, NR^{10}, O or S, wherein R^8, R^9 and R^{10} are as defined in claim 1.

14. Compounds according to any of claims 1 - 13, wherein X is $C(R^8R^9)$ or NR^{10}, wherein R^8, R^9 and R^{10} are as defined in claim 1.

15. Compounds according to any of claims 1 - 14, wherein R^8 is hydrogen.

16. Compounds according to any of claims 1 - 15, wherein R^9 is hydrogen.

17. Compounds according to any of claims 1 - 16, wherein R^{10} is hydrogen.

18. Compounds according to any of claims 1 - 17, wherein R^{11} is phenyl or a heteroaryl selected from the group consisting of pyridinyl, pyrazinyl, pyridinyl-2-one, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl and benzimidazolyl, which phenyl or heteroaryl is optionally substituted with 1 to 2 substituents selected from the group consisting of lower-alkyl, hydroxy-lower-alkyl, fluoro-lower-alkyl, lower-alkoxy, halogen, $S(O_2)R^{13}$, $C(O)R^{14}$, NO_2, $NR^{15}R^{16}$, imidazolyl, pyrazolyl, tetrazolyl, pyrrolyl, and phenyl-lower-alkoxy, which imidazolyl is optionally substituted with lower-alkyl, wherein R^{13}, R^{14}, R^{15} and R^{16} are as defined in claim 1.

19. Compounds according to any of claims 1 - 18, wherein R^{11} is phenyl or a heteroaryl selected from the group consisting of pyridinyl, pyridinyl-2-one, indazolyl, 1,3-dihydro-benzimidazol-2-one, 1,3-dihydro-indol-2-one, benztriazolyl and benzimidazolyl, which phenyl or heteroaryl is optionally substituted with 1 to 2 substituents selected from the group consisting of fluoro-lower-alkyl, halogen, $C(O)R^{14}$ and $NR^{15}R^{16}$, wherein R^{14}, R^{15} and R^{16} are as defined in claim 1.

20. Compounds according to any of claims 1 - 19, wherein R^{11} is 1H-Indazol-5-yl, 1H-Indazol-6-yl, 1,3-dihydro-indol-2-one-6-yl, 1,3-dihydro-benzoimidazol-2-one-5-yl, 1,3-dihydro-indol-2-one-5-yl, 1H-Benzotriazol-5-yl, 1H-Benzoimidazol-5-yl, 1H-pyridin-2-one-4-yl, 4-Fluoro-phenyl, 3-trifluoromethyl-phenyl, 1H-Benzoimidazol-5-yl, 3-benzamide, 5-nicotinamide, 3-(N-acetamide)-phenyl or 3-(N-methanesulfonamide)-phenyl.

21. Compounds according to any of claims 1 – 17, wherein R^{11} is phenyl or a heteroaryl selected from the group consisting of 2-oxo-2,3-dihydro-1H-indol-5-yl, pyrimidin-4-one, furanyl, thiadiazolyl, pyrazolyl, isoxazolyl, pyrimidine-2,4-dione, benzooxazin-3-one, 1,4-dihydro-benzooxazin-2-one, indolyl, thiophenyl, oxazolyl, benzooxazin-2-one, 3,4-dihydro-quinazolin-2-one, pyridazinyl, quinoxalinyl, benzothiazolyl, benzothiadiazolyl, naphthyridinyl, cinnolinyl, 1,4-dihydro-quinoxaline-2,3-dione and 1,2-dihydro-indazol-3-one, which phenyl or heteroaryl is optionally

substituted with 1 to 3 substituents selected from the group consisting of hydroxy, $B(OH)_2$, carboxy-lower-alkoxy, carbamoyl-lower-alkoxy, cyano, [1,3,4]oxadiazol-2-one, oxadiazolyl, triazolyl and isoxazolyl, which pyrazolyl is optionally substituted with lower-alkyl, and which isoxazolyl is optionally substituted with lower-alkyl.

22. Compounds according to any of claims 1 – 17, wherein R^{11} is phenyl or a heteroaryl selected from the group consisting of pyridinyl, 1,3-dihydro-indol-2-one, 1H-benzimidazolyl, 3H-pyrimidin-4-one, 1H-pyrazolyl, isoxazolyl and 4H-benzo[1,4]oxazin-3-one, which phenyl or heteroaryl is optionally substituted with 1 to 3 substituents selected from the group consisting of lower-alkyl, hydroxy, halogen and $NR^{15}R^{16}$, wherein R^{14} and R^{15} are as defined in claim 1.

23. Compounds according to any of claims 1 – 17, wherein R^{11} is 2-methyl-3H-pyrimidin-4-one, 5-methyl-isoxazol-3-yl, 1H-pyrazol-3-yl, 6-amino-pyridin-3-yl, 1,3-dihydro-indol-2-one, 2-amino-pyridin-4-yl, 4H-benzo[1,4]oxazin-3-one, 1H-benzimidazol-5-yl, 3-(N-acetamide)-4-fluoro-phenyl or 2-hydroxy-pyridin-4-yl.

24. Compounds according to any of claims 1 - 23, wherein R^{12} is hydrogen.

25. Compounds according to any of claims 1 - 24, wherein R^{13} is lower-alkyl.

26. Compounds according to any of claims 1 - 25, wherein R^{14} is $NR^{19}R^{20}$, wherein R^{19} and R^{20} are as defined in claim 1.

27. Compounds according to any of claims 1 - 25, wherein R^{14} is lower-alkyl.

28. Compounds according to any of claims 1 - 27, wherein R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl, lower-alkyl-carbonyl, lower-alkyl-SO_2, lower-alkanyl-oxy-carbonyl or lower-alkyl-NH-carbonyl; or $NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of morpholinyl, thiomorpholinyl, 1,1-dioxo-thiomorpholinyl, piperidinyl, piperidin-2-one, piperazin-2-one, piperazinyl and pyrrolidinyl, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl.

29. Compounds according to any of claims 1 - 28, wherein R^{15} and R^{16} independently from each other are hydrogen, lower-alkyl-carbonyl or lower-alkyl-SO_2.

30. Compounds according to any of claims 1 - 27, wherein $NR^{15}R^{16}$ is a heterocyclyl selected from the group consisting of 1,1-dioxo-isothiazolidinyl, pyrrolidin-2-one, imidazolidine-2,4-dione, 2,4-dihydro[1,2,4]triazol-3-one, pyrrolidine-2,5-dione, azetidin-2-one and 1,3-dihydro-imidazol-2-one, which heterocyclyl is optionally substituted with hydroxy-lower-alkyl or lower-alkyl-carbonyl.

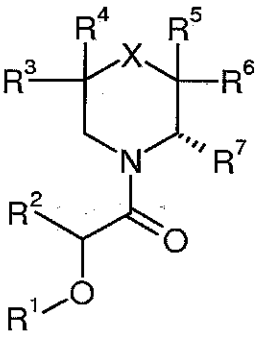
31. Compounds according to any of claims 1 - 30, wherein R^{17} and R^{18} independently from each other are hydrogen or lower-alkyl; or $NR^{17}R^{18}$ is morpholinyl.

32. Compounds according to any of claims 1 - 31, wherein R^{19} and R^{20} independently from each other are hydrogen, lower-alkyl, cycloalkyl, hydroxy-lower-alkyl, lower-alkoxy-lower-alkyl; or $NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of morpholinyl or pyrrolidinyl, which heterocyclyl is optionally substituted with hydroxy or lower-alkyl-$S(O_2)$.

33. Compounds according to any of claims 1 - 32, wherein R^{19} and R^{20} are hydrogen.

34. Compounds according to any of claims 1 - 31, wherein R^{19} and R^{20} independently from each other are (lower-alkyl)$_2$N-lower-alkyl, pyridinyl-lower-alkyl or cyano-lower-alkyl; or $NR^{19}R^{20}$ is a heterocyclyl selected from the group consisting of piperidinyl, piperazinyl, piperazin-2-one, thiazolidinyl, thiomorpholinyl, 1,3,8-triaza-spiro[4,5]decane-2,4-dione and spiro(1-phtalan)-piperidine-4-yl, which heterocyclyl is optionally substituted with hydroxy, lower-alkyl-$S(O_2)$, lower-alkyl, lower-alkyl-carbonyl, carboxy, carbamoyl, lower-alkoxy-carbonyl, cyano, phenyl, pyridinyl or lower-alkoxy.

35. Compounds according to any of claims 1 - 34, which are R-isomers and which are characterised by formula (Ia)



(Ia)

wherein R^1, R^2, R^3, R^4, R^5, R^6, R^7 and X are as defined in any of claims 1 - 34.

36. Compounds according to any of claims 1 - 35, selected from the group consisting of
(R)-1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-3-(2-{2-[3-(4-Methoxy-phenyl)[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-oxo-ethoxy) benzonitrile,
(R)-1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-propan-1-one,

(R)-1-{2-[3-(4-Bromo-phenyl) [1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-(4-Hydroxy-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-(4-Chloro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-(4-Hydroxymethyl-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-(3-Chloro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-(4-Fluoro-phenoxy)-1-{2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methane-sulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-2-(4-Fluoro-phenoxy)-1-[2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester,
(R)-1-{2-[3-(3-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-2-Phenoxy-1-[2-(3-pyrazin-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-ethanone,
(R)-1-(2-{3-[4-(Morpholine-4-sulfonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(3-Hydroxymethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid allyl ester,
(R)-1-{2-[3-(4-Imidazol-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,

(R)-1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[3-(4-trifluoromethanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-Phenoxy-1-{2-[3-(4-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(4-Chloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide,
(R)-1-{2-[3-(3-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methoxy-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-N-(2-Hydroxy-ethyl)-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
(R)-1-{2-[3-(2-Morpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[3-(3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-4'-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-2-Phenoxy-1-{2-[3-(2-thiomorpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(2-Diethylamino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethyl ester,
(R)-1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-{2-[3-(2-Imidazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-

piperidin-2-one,
(R)-1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[4-(2-Methyl-imidazol-1-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[3-(2-pyrazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
(R)-4-(5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-piperazin-2-one,
(R)-2-Phenoxy-1-(2-{3-[4-(1H-tetrazol-5-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-ethanone,
(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Indazol-6-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Fluoro-3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-(2-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
(R)-1-{2-[3-(6-Benzyloxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid ethyl ester,
(R)-4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
(R)-2-Phenoxy-1-[2-(5-phenyl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,

(R)-1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(3,4-Dimethoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(3,4-Dichloro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxyethanone,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(3-Nitro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester,
(R)-1-{2-[5-(4-Fluoro-3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one,
1-{3-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
1-{3-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-(3-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-morpholin-4-yl)-2-phenoxy-ethanone,
N-(4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
1-{3-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{3-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-morpholin-4-yl}-ethanone,
(R)-4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
1-{3-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-thiomorpholin-4-yl}-2-phenoxy-ethanone,
1-{3-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-thiomorpholin-4-yl}-2-phenoxy-ethanone,

4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
2-Phenoxy-1-[3-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-thiomorpholin-4-yl]-ethanone,
1-{2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
N-(5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
1-{2-[3-(2-Imidazol-1-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-{2-[3-(4-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-ethanone,
1-{2-[3-(2,4-Dichloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[2-(3-pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-ethanone,
2-Phenoxy-1-[2-(3-pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperazin-2-yl]-ethanone,
1-{2-[3-(4-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(3-Hydroxymethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(4-Diethylamino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-(2-{3-[4-(Morpholine-4-sulfonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-{2-[3-(4-Chloro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
N-(4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-

phenyl)-acetamide,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid allyl ester,
1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(4-Methoxy-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[3-(4-Chloro-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
3-Fluoro-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid methyl ester,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethyl ester,
2-Phenoxy-1-{2-[3-(4-piperidin-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
1-{2-[3-(4-Morpholin-4-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-(2-{3-[4-(2-Methyl-imidazol-1-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
4-(5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-piperazin-2-one,
1-{2-[3-(6-Imidazol-1-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
2-Phenoxy-1-{2-[3-(4-pyrrol-1-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
2-Phenoxy-1-{2-[3-(4-trifluoromethanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
1-{2-[3-(2-Morpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{2-[3-(2-thiomorpholin-4-yl-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-ethanone,
1-(2-{3-[6-(3-Hydroxymethyl-pyrrolidin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-1-{2-[3-(6-Methoxy-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(6-Morpholin-4-yl-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-

phenoxy-ethanone,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-2-trifluoromethyl-phenyl)-acetamide,
(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Methyl-3-nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Morpholin-4-yl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-(2-{3-[4-(3H-Imidazol-4-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[6-(3-Hydroxymethyl-pyrrolidin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[6-(4-Acetyl-piperazin-1-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide hydrochloride,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone hydrochloride,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-1-(2-{3-[6-(1,1-Dioxo-thiomorpholin-4-yl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone hydrochloride,
(R)-1-{2-[3-(3-Nitro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)- 4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
1-{4-Acetyl-2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{4-Acetyl-2-[3-(4-methanesulfonyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
4-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzenesulfonamide,
1-[4-Acetyl-2-(3-pyridin-4-yl-[1,2,4]oxadiazol-5-yl)-piperazin-1-yl]-2-phenoxy-ethanone,
1-{4-Methanesulfonyl-2-[3-(4-methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-

phenoxy-ethanone,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone,
1-{2-[5-(4-Fluoro-3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone,
2-Phenoxy-1-[2-(5-p-tolyl-2H-[1,2,4]triazol-3-yl)-piperazin-1-yl]-ethanone,
2-Phenoxy-1-{2-[5-(4-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-ethanone,
1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(3,4-Dimethoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(3,4-Dichloro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
1-{2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-1-{2-[3-(1H-Indazol-5yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Fluoro-phenyl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-5-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-5-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{4-Methyl-2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(4-Methoxy-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-

phenoxy-ethanone,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[5-(4-Methanesulfonyl-phenyl)-2H-[1,2,4]triazol-3-yl]-4-methyl-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid methyl ester,
(R)-N-(3-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
(R)-N-(3-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide,
(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid,
(R)-2-Fluoro-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid,
3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
3-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3-yl]-[1,2,4]oxadiazol-4-yl}-benzamide,
3-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
4-{5-[4-Acetyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzoic acid,
(R)-4-{5-[4-Methyl-1-(2-phenoxy-acetyl)-piperazin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoic acid,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinic acid,
1-(2-{3-[4-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[4-(3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-

benzamide,
(R)-N,N-Dimethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Ethyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Cyclopropyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Hydroxy-ethyl)-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-4-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N,N-Dimethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Ethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Cyclopropyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Hydroxy-ethyl)-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-1-(2-{3-[3-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-1-(2-{3-[3-(3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-N,N-Diethyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid methylamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid dimethylamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid ethylamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid diethylamide,
(R)-1-(2-{3-[2-(Morpholine-4-carbonyl)-pyridin-4-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,

(R)-1-(2-{3-[2-(3-Methanesulfonyl-pyrrolidine-1-carbonyl)-pyridin-4-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid methylamide,
(R)-N-Methyl-3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
1N,N-Diethyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
1-(2-{3-[4-(Morpholine-4-carbonyl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperazin-1-yl)-2-phenoxy-ethanone,
N-Methyl-4-{5-[1-(2-phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-N-Methyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Ethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Diethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Diethyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-(2-Hydroxy-ethyl)-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4] oxadiazol-3-yl}-nicotinamide,
(R)-N-(2-Methoxy-ethyl)-N-methyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-Cyclopropyl-5-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-1-(2-{3-[5-(3-Hydroxy-pyrrolidine-1-carbonyl)-pyridin-3-yl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
(R)-4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridine-2-carboxylic acid amide,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
4-{5-[4-(2-Phenoxy-acetyl)-thiomorpholin-3 yl]-[1,2,4]oxadiazol-3yl}-benzamide,
4-{5-[1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-1-{2-[3-(3-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(4-Amino-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-

ethanone,
(R)-1-{2-[5-(3-Amino-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
(R)-N-(5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-pyridin-2-yl)-acetamide,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-methanesulfonamide,
(R)-N-(4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-methane-sulfonamide,
(R)- (3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-carbamic acid allyl ester,
(R)- (4-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-carbamic acid allyl ester,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide,
(R)-1-Ethyl-3-(3-{5-[1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-urea,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzonitrile, and
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinonitrile,
and pharmaceutically acceptable salts and esters thereof.

37. Compounds according to any of claims 1 - 36, selected from the group consisting of
(R)-1-{2-[3-(1H-Indazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-1-{2-[3-(1H-Indazol-6-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-6-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,
(R)-5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
(R)-1-{2-[3-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-

ethanone,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-4-{5-[4-(2-Phenoxy-acetyl)-morpholin-3-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
(R)-1-{2-[5-(4-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
(R)-2-Phenoxy-1-{2-[5-(3-trifluoromethyl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-ethanone,
(R)-1-{2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(R)-3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-benzamide,
5-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-nicotinamide,
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide, and
(R)-N-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-methanesulfonamide,
and pharmaceutically acceptable salts and esters thereof.

38. Compounds according to any of claims 1 - 35, selected from the group consisting of
1-{(R)-2-[3-(2-Methyl-1H-benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(3-Hydroxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
4-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyridin-2-one,
1-{(R)-2-[3-(4-Hydroxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenylboronic acid,
4-(2-Oxo-2-{(R)-2-[3-(2-oxo-2,3-dihydro-1H-indol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethoxy)-benzonitrile,
4-(2-{(R)-2-[3-(4-Methoxy-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-oxo-ethoxy)-benzonitrile,
2-Methyl-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-3H-pyrimidin-4-one,
1-[(R)-2-(3-Furan-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(3-Imidazo[1,2-a]pyridin-2-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone,

1-{(R)-2-[3-(4-Methyl-[1,2,3]thiadiazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(2,5-Dimethyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-4-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[3-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1H-pyrimidine-2,4-dione,
1-{(R)-2-[3-(6-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-[(R)-2-(3-Imidazo[1,2-a]pyridin-6-yl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-4H-benzo[1,4]oxazin-3-one,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,4-dihydro-benzo[d][1,3]oxazin-2-one,
1-((R)-2-{3-[3-(1,1-Dioxo-1λ6-isothiazolidin-2-yl)-phenyl]-[1,2,4]oxadiazol-5-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-pyrrolidin-2-one,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-imidazolidine-2,4-dione,
4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-2,4-dihydro-[1,2,4]triazol-3-one,
1-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-pyrrolidine-2,5-dione,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one,
1-{(R)-2-[5-(1H-Indazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Indol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3H-Benzotriazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-benzoimidazol-2-one,

1-{(R)-2-[5-(2-Methyl-1H-benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
5-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-3H-[1,3,4]oxadiazol-2-one,
1-{(R)-2-[5-(3-[1,3,4]Oxadiazol-2-yl-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenylboronic acid,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-4H-benzo[1,4]oxazin-3-one,
1-[(R)-2-(5-Imidazo[1,2-a]pyridin-6-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-{(R)-2-[5-(6-Amino-pyridin-3-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyridin-3-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(3,5-Dimethyl-isoxazol-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-thiophen-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyrimidin-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(4-Methyl-oxazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyrazin-2-yl-2H-[1,2,4]triazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(2-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3,5-Difluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Methyl-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3-Fluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3,4-Difluoro-phenyl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,4-dihydro-benzo[d][1,3]oxazin-2-one,
7-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-3,4-dihydro-1H-quinazolin-2-one,

1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-imidazolidine-2,4-dione,
1-{(R)-3-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
1-{(R)-3-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-morpholin-4-yl}-2-phenoxy-ethanone,
1-{(R)-2-[3-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperazin-2-yl]-[1,2,4]oxadiazol-3-yl}-1,3-dihydro-indol-2-one,
1-{(R)-2-[3-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-5-yl]-piperazin-1-yl}-2-phenoxy-ethanone,
(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetic acid,
2-Phenoxy-1-((R)-2-{5-[3-(piperidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
1-((R)-2-{5-[3-(Morpholine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-((R)-2-{5-[3-(4-Methyl-piperazine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperazin-2-one,
N-(2-Methoxy-ethyl)-N-methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
1-((R)-2-{5-[3-(4-Acetyl-piperazine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperidine-4-carboxylic acid,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperidine-4-carboxylic acid amide,
2-Phenoxy-1-((R)-2-{5-[3-(thiazolidine-3-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
N-(2-Dimethylamino-ethyl)-N-methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
2-Phenoxy-1-((R)-2-{5-[3-(thiomorpholine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
4-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-piperazine-1-carboxylic acid ethyl ester,
N-(2-Hydroxy-ethyl)-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-

yl}-benzamide,
N-Methyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-N-(2-pyridin-2-yl-ethyl)-benzamide,
N-(2-Cyano-ethyl)-N-cyclopropyl-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzamide,
1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-4-phenyl-piperidine-4-carbonitrile,
1-((R)-2-{5-[3-(4-Hydroxy-piperidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
8-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-benzoyl)-1,3,8-triaza-spiro[4.5]decane-2,4-dione,
1-(2-{5-[3-(Spiro(1-Phtalan)-piperidine-4-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
2-Phenoxy-1-((R)-2-{5-[3-(3-pyridin-4-yl-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-ethanone,
1-((R)-2-{5-[3-(3-Methanesulfonyl-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-((R)-2-{5-[3-((S)-3-Ethoxy-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-((R)-2-{5-[3-((S)-3-Hydroxy-pyrrolidine-1-carbonyl)-phenyl]-2H-[1,2,4]triazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-nicotinamide,
2-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenoxy)-acetamide,
N-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-phenyl)-acetamide,
N-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-propionamide,
N-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-isobutyramide,
N-(4-Fluoro-3-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
N-(3-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide,
N-(4-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-pyridin-2-yl)-acetamide,

1-(3-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-azetidin-2-one,
1-(3-{5-[1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-pyrrolidine-2,5-dione,
2-Phenoxy-1-[(R)-2-(5-pyridazin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone,
4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-benzonitrile,
1-{(R)-2-[5-(3-Amino-pyrazin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-benzonitrile,
1-{(R)-2-[5-(2-Hydroxy-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(5-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Hydroxy-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Hydroxy-6-methyl-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(4-Hydroxy-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2-Amino-5-chloro-pyrimidin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-pyrazin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone,
2-Phenoxy-1-{(R)-2-[5-(4-[1,2,4]triazol-1-yl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
2-Phenoxy-1-{(R)-2-[5-(4-tetrazol-1-yl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(4-Acetyl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(6-Hydroxy-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(5-Methyl-pyrazin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-[(R)-2-(5-quinoxalin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-ethanone,
1-{(R)-2-[5-(3-Methanesulfonyl-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(6-Chloro-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,

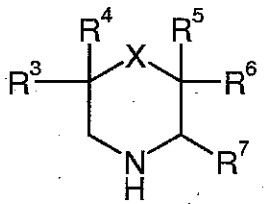
1-[(R)-2-(5-Benzothiazol-6-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[5-(2,4,5-trifluoro-phenyl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
2-Phenoxy-1-{(R)-2-[5-(6-trifluoromethyl-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
1-[(R)-2-(5-Benzo[1,2,3]thiadiazol-5-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(5-[1,8]Naphthyridin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(5-[1,6]Naphthyridin-2-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-[(R)-2-(5-Cinnolin-4-yl-[1,2,4]oxadiazol-3-yl)-piperidin-1-yl]-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzotriazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(3,6-Dichloro-pyridazin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-4H-benzo[1,4]oxazin-3-one,
1-{(R)-2-[5-(3H-Imidazo[4,5-b]pyridin-6-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
N-(4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-pyridin-2-yl)-acetamide,
1-{(R)-2-[5-(6-Chloro-3-hydroxy-pyridazin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-1,4-dihydro-quinoxaline-2,3-dione,
1-{(R)-2-[5-(6-Hydroxy-pyridin-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
7-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-3,4-dihydro-1H-quinoxalin-2-one,
1-{(R)-2-[5-(6-Amino-pyridin-2-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-nicotinonitrile,
5-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-pyridine-2-carbonitrile,
4-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-1,2-dihydro-

indazol-3-one,
1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(6-Hydroxy-pyrimidin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
4-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-2,4-dihydro-[1,2,4]triazol-3-one,
1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-imidazolidine-2,4-dione,
1-((R)-2-{5-[3-(1,1-Dioxo-1λ6-isothiazolidin-2-yl)-phenyl]-[1,2,4]oxadiazol-3-yl}-piperidin-1-yl)-2-phenoxy-ethanone,
1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-pyrrolidin-2-one,
1-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-1,3-dihydro-imidazol-2-one,
3-(3-{3-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-5-yl}-phenyl)-imidazolidine-2,4-dione,
1-{(R)-2-[5-(1-Methyl-1H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[5-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[5-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(2,5-Dimethyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(5-Methyl-2H-pyrazol-3-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone, and
1-{(R)-2-[5-(3-Methyl-isoxazol-5-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
and pharmaceutically acceptable salts and esters thereof.

39. Compounds according to any of claims 1 - 35, selected from the group consisting of
2-Methyl-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-[1,2,4]oxadiazol-3-yl}-3H-pyrimidin-4-one,
1-{(R)-2-[3-(5-Methyl-isoxazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
2-Phenoxy-1-{(R)-2-[3-(1H-pyrazol-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-ethanone,
1-{(R)-2-[3-(6-Amino-pyridin-3-yl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl}-2-phenoxy-

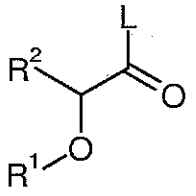
ethanone,
5-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-1,3-dihydro-indol-2-one,
1-{(R)-2-[5-(2-Amino-pyridin-4-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
6-{5-[(R)-1-(2-Phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-4H-benzo[1,4]oxazin-3-one,
1-{(R)-2-[5-(6-Amino-pyridin-3-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
1-{(R)-2-[5-(1H-Benzoimidazol-5-yl)-2H-[1,2,4]triazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
N-(2-Fluoro-5-{5-[(R)-1-(2-phenoxy-acetyl)-piperidin-2-yl]-1H-[1,2,4]triazol-3-yl}-phenyl)-acetamide, and
1-{(R)-2-[5-(2-Hydroxy-pyridin-4-yl)-[1,2,4]oxadiazol-3-yl]-piperidin-1-yl}-2-phenoxy-ethanone,
and pharmaceutically acceptable salts and esters thereof.

40. A process for the manufacture of compounds of formula (I) as defined in any of claims 1 – 39, which process comprises reacting a compound of formula (II)



(II)

with a compound of formula (III)



(III),

wherein R^1, R^2, R^3, R^4, R^5, R^6, R^7, and X are as defined in any of claims 1- 39 and L is halogen.

41. Compounds according to any of claims 1 - 39, when manufactured by a process according to claim 40.

42. Pharmaceutical compositions comprising a compound according to any of claims 1 - 39 and a pharmaceutically acceptable carrier and/or adjuvant.

43. Compounds according to any of claims 1 - 39 for use as therapeutic active substances.

44. Compounds according to any of claims 1 - 39 for use as therapeutic active substances for the treatment and/or prophylaxis of diseases which are modulated by L-CPT1 inhibitors.

45. The use of compounds according to any of claims 1 - 39 for the preparation of medicaments for the therapeutic and/or prophylactic treatment of diseases which are modulated by L-CPT1 inhibitors.

46. The use of compounds according to any of claims 1 - 39 for the preparation of medicaments for the therapeutic and/or prophylactic treatment of hyperglycemia, glucose tolerance disorders, diabetes and associated pathologies, non insulin dependent diabetes mellitus, obesity, hypertension, insulin resistance syndrome, metabolic syndrome, hyperlipidemia, hypercholesterolemia, fatty liver disease, atherosclerosis, congestive heart failure and renal failure.