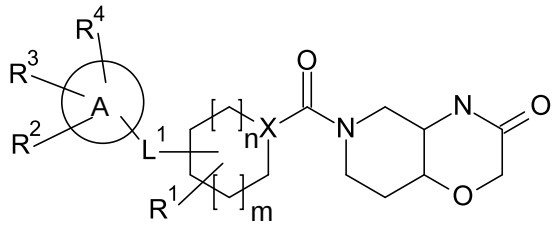
Summary

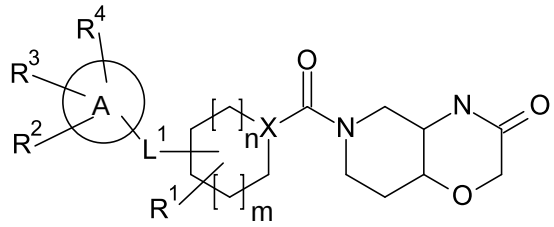
The present disclosure provides new heterocyclic compounds having the general formula (I)



(I)

wherein A, L^1, X, m, n and R^1 to R^4 are as defined herein.

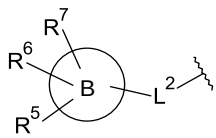
In one aspect, the present disclosure provides a compound of formula (I)



(I)

or a pharmaceutically acceptable salt thereof, wherein:

R^1 is hydrogen or C_1-C_6-alkyl;

R^2, R^3, and R^4 are independently selected from hydrogen, a group , C_1-C_6-alkyl, C_1-C_6-alkoxy, halo-C_1-C_6-alkyl, halo-C_1-C_6-alkoxy, halogen, and SF_5;

R^5, R^6, and R^7 are independently selected from hydrogen, halogen, and halo-C_1-C_6-alkyl;

X is CH or N;

m and n are both 1; or

m and n are both 0;

A is selected from C_6-C_{14}-aryl and 5-14 membered heteroaryl;

L^1 is selected from a covalent bond, $–CH_2–$, $–OCHR^L–$, $–CHR^LO–$, and –NHC(O)–;

R^L is selected from hydrogen and C_1-C_6-alkyl; and

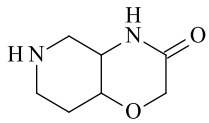
B is

(i) C_6-C_{14}-aryl and L^2 is a covalent bond; or

(ii) 3-14 membered heterocyclyl or C_3-C_{10}-cycloalkyl; and L^2 is selected from a covalent bond, –O–, and $–CH_2O–$.

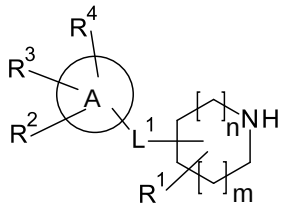
The present disclosure provides a process of manufacturing the compounds of formula (I) as described herein, comprising:

(a) reacting a first amine 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),



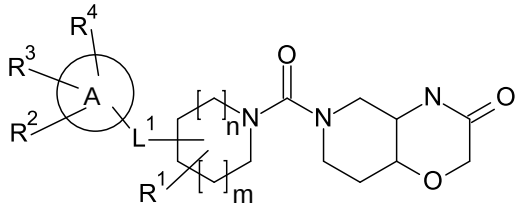
1

with a second amine **2**, wherein A, L^1, m, n, and R^1 to R^4 are as defined herein



2

in the presence of a base and a urea forming reagent, to form a compound of formula (IA), wherein A, L^1, m, n, and R^1 to R^4 are as defined herein,

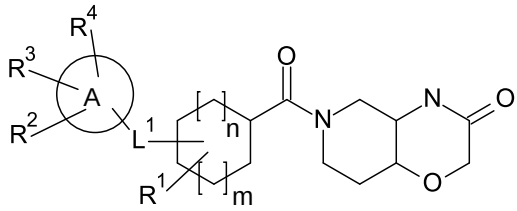


IA

; or

(b) reacting 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),

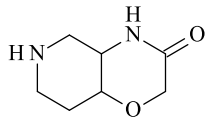
in the presence of a base, e.g. TEA, Huenig's base, pyridine, DMAP or lithium bis(trimethylsilyl)amide, to form a compound of formula (IB), wherein A, L^1, m, n, and R^1 to R^4 are as defined herein,



IB

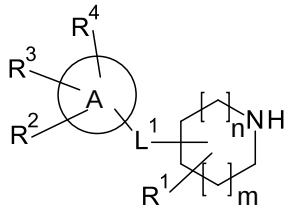
In another aspect, the present disclosure provides a process of manufacturing the compounds of formula (I) as described herein, or pharmaceutically acceptable salts thereof, comprising:

(a) reacting a first amine 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),



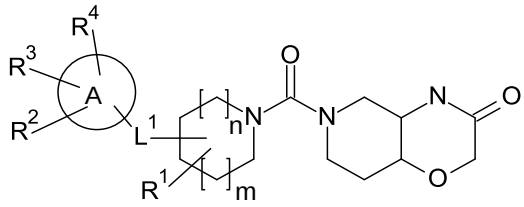
1

with a second amine **2**, wherein A, L^1, m, n, and R^1 to R^4 are as described herein,



2

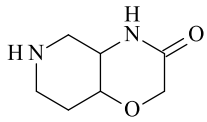
in the presence of a base and a urea forming reagent, to form a compound of formula (IA), wherein A, L^1, m, n, and R^1 to R^4 are as described herein,



IA

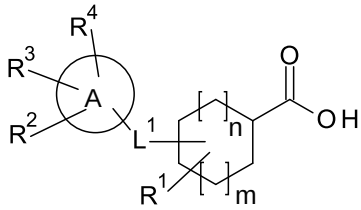
; or

(b) reacting 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),



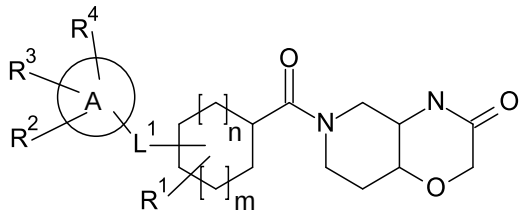
1

with a carboxylic acid **3a**, wherein A, L^1, m, n, and R^1 to R^4 are as described herein,



3a

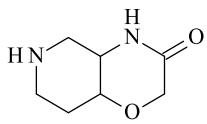
in the presence of a coupling reagent and optionally a base to form a compound of formula (IB), wherein A, L^1, m, n, and R^1 to R^4 are as described herein,



IB

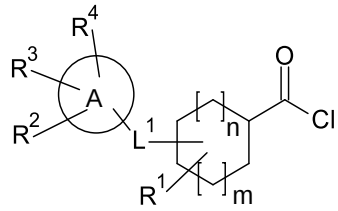
; or

(c) reacting 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),



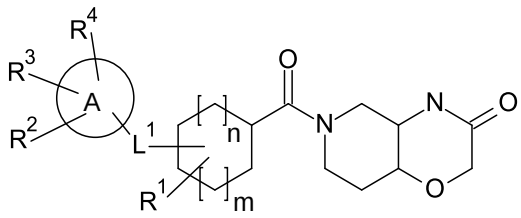
1

with a carboxylic acid chloride **3b**, wherein A, L^1, m, n, and R^1 to R^4 are as described herein,



3b

in the presence of a base, to form a compound of formula (IB), wherein A, L^1, m, n, and R^1 to R^4 are as described herein,



IB

.

The present disclosure provides a compound of formula (I) as described herein, when manufactured according to the processes described herein. In another aspect, the present disclosure provides a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, when manufactured according to the process as described herein.

The present disclosure provides a compound of formula (I) as described herein, for use as therapeutically active substance. In another aspect, the present disclosure provides a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, for use as therapeutically active substance.

The present disclosure provides a pharmaceutical composition comprising a compound of formula (I) as described herein and a therapeutically inert carrier. In another aspect, the present disclosure provides a pharmaceutical composition comprising a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, and a therapeutically inert carrier.

The present disclosure provides the use of a compound of formula (I) as described herein for inhibiting monoacylglycerol lipase (MAGL) in a mammal.

The present disclosure provides the use of a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, or of a pharmaceutical composition described herein for the treatment or prophylaxis of neuroinflammation, neurodegenerative diseases, pain, cancer, mental disorders and/or inflammatory bowel disease in a mammal.

In another aspect, the present disclosure provides a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, or of a pharmaceutical composition as described herein for use in the treatment or prophylaxis of neuroinflammation, neurodegenerative diseases, pain, cancer, mental disorders and/or inflammatory bowel disease in a mammal.

In another aspect, the present disclosure provides the use of a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment or prophylaxis of neuroinflammation, neurodegenerative diseases, pain, cancer, mental disorders and/or inflammatory bowel disease in a mammal.

The present disclosure provides the use of a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, or of a pharmaceutical composition described herein for the treatment or prophylaxis of multiple sclerosis, Alzheimer’s disease, Parkinson’s disease, amyotrophic lateral sclerosis, traumatic brain injury, neurotoxicity, stroke, epilepsy, anxiety, migraine, depression, hepatocellular carcinoma, colon carcinogenesis, ovarian cancer, neuropathic pain, chemotherapy induced neuropathy, acute pain, chronic pain, spasticity associated with pain, abdominal pain,

abdominal pain associated with irritable bowel syndrome and/or visceral pain in a mammal.

In another aspect, the present disclosure provides a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, or of a pharmaceutical composition as described herein for use in the treatment or prophylaxis of multiple sclerosis, Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, traumatic brain injury, neurotoxicity, stroke, epilepsy, anxiety, migraine, depression, hepatocellular carcinoma, colon carcinogenesis, ovarian cancer, neuropathic pain, chemotherapy induced neuropathy, acute pain, chronic pain, spasticity associated with pain, abdominal pain, abdominal pain associated with irritable bowel syndrome and/or visceral pain in a mammal.

In another aspect, the present disclosure provides the use of a compound of formula (I) as described herein, or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment or prophylaxis of multiple sclerosis, Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, traumatic brain injury, neurotoxicity, stroke, epilepsy, anxiety, migraine, depression, hepatocellular carcinoma, colon carcinogenesis, ovarian cancer, neuropathic pain, chemotherapy induced neuropathy, acute pain, chronic pain, spasticity associated with pain, abdominal pain, abdominal pain associated with irritable bowel syndrome and/or visceral pain in a mammal.

Detailed Description of the Invention

Definitions

Features, integers, characteristics, compounds, chemical moieties or groups described in conjunction with a particular aspect, embodiment or example of the invention are to be understood to be applicable to any other aspect, embodiment or example described herein, unless incompatible therewith. All of the features disclosed in this specification (including any accompanying claims, abstract and drawings), and/or all of the steps of any method or process so disclosed, may be combined in any combination, except combinations where at

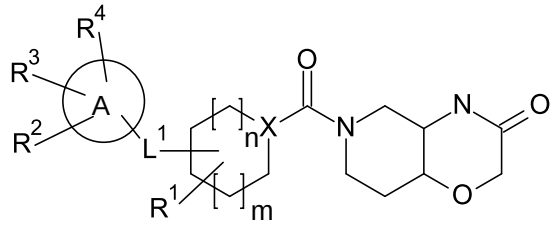
least some of such features and/or steps are mutually exclusive. The invention is not restricted to the details of any foregoing embodiments. The invention extends to any novel one, or any novel combination, of the features disclosed in this specification (including any accompanying claims, abstract and drawings), or to any novel one, or any novel combination, of the steps of any method or process so disclosed.

The term “alkyl” refers to a mono- or multivalent, e.g., a mono- or bivalent, linear or branched saturated hydrocarbon group of 1 to 12 carbon atoms. In some preferred embodiments, the alkyl group contains 1 to 6 carbon atoms, e.g., 1, 2, 3, 4, 5, or 6 carbon atoms (“C_1-C_6-alkyl”). In other embodiments, the alkyl group contains 1 to 3 carbon atoms, e.g., 1, 2 or 3 carbon atoms. Some non-limiting examples of alkyl include methyl, ethyl, propyl, 2-propyl (isopropyl), n-butyl, iso-butyl, sec-butyl, tert-butyl, and 2,2-dimethylpropyl. A particularly preferred, yet non-limiting example of alkyl is methyl.

The term “alkoxy” refers to an alkyl group, as previously defined, attached to the parent molecular moiety via an oxygen atom. Unless otherwise specified, the alkoxy group contains 1 to 12 carbon atoms. In some preferred embodiments, the alkoxy group contains 1 to 6 carbon atoms (“C_1-C_6-alkyl”). In other embodiments, the alkoxy group contains 1 to 4 carbon atoms. In still other embodiments, the alkoxy group contains 1 to 3 carbon atoms. Some non-limiting examples of alkoxy groups include methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy, isobutoxy and tert-butoxy. A particularly preferred, yet non-limiting example of alkoxy is methoxy.

CLAIMS

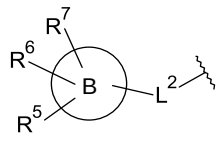
1. A compound of formula (I)



(I)

or a pharmaceutically acceptable salt thereof, wherein:

R^1 is hydrogen or C_1-C_6-alkyl;

R^2, R^3, and R^4 are independently selected from hydrogen, a group , C_1-C_6-alkyl, C_1-C_6-alkoxy, halo-C_1-C_6-alkyl, halo-C_1-C_6-alkoxy, halogen, and SF_5;

R^5, R^6, and R^7 are independently selected from hydrogen, halogen, and halo-C_1-C_6-alkyl;

X is CH or N;

m and n are both 1; or

m and n are both 0;

A is selected from C_6-C_{14}-aryl and 5-14 membered heteroaryl;

L^1 is selected from a covalent bond, $–CH_2–$, $–OCHR^L–$, $–CHR^LO–$, and –NHC(O)–;

R^L is selected from hydrogen and C_1-C_6-alkyl; and

B is

(i) C_6-C_{14}-aryl and L^2 is a covalent bond; or

(ii) 3-14 membered heterocyclyl or C_3-C_{10}-cycloalkyl; and L^2 is selected from a covalent bond, –O–, and $–CH_2O–$.

2. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein the compound of formula (I) is not selected from:

rac-cis-6-(4-(5-Chloro-1-methyl-1H-indol-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

rac-cis-6-(4-(9H-Fluoren-9-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+)-cis-6-[4-(6-Fluoro-1H-indol-3-yl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-cis-6-[4-(6-Fluoro-1H-indol-3-yl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-cis-6-(4-(5-Fluorobenzo[d]isoxazol-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

rac-cis-6-(4-(5-Chloro-1H-indol-3-yl)piperazine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

rac-cis-6-(4-(1-Methyl-1H-indazol-5-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+)- or (-)-cis-6-(4-(5-Chloro-1-cyclopropyl-1H-indol-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+)-or (-)-cis-6-(4-(5-Chloro-1-(oxetan-3-yl)-1H-indol-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

rac-cis-6-(4-(1-(2-Chloro-4-fluorophenoxy)ethyl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

rac-cis-6-(4-(5-(Trifluoromethyl)pyridin-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-cis-6-(4-((S or R)-1-(2-chloro-4-fluorophenoxy)ethyl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-cis-6-(4-((R or S)-1-(2-chloro-4-fluorophenoxy)ethyl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-cis-6-(4-(5-Methoxypyridin-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-cis-6-(4-(5-(Trifluoromethoxy)pyridin-2-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-cis-6-(4-(5-Ethylpyridin-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-cis-6-(4-(5-(1,1-Difluoroethyl)pyridin-2-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-cis-6-(4-(6-Chloro-1-methyl-1H-indazol-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-((3R)-4-(5-(1,1-Difluoroethyl)pyridin-2-yl)-3-methylpiperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-((3S)-4-(5-(1,1-Difluoroethyl)pyridin-2-yl)-3-methylpiperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-((4S)-4-(5-(1,1-Difluoroethyl)pyridin-2-yl)-3-methylpiperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(2-Cyclopropylpyridin-4-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(1-(2-Chloro-4-(trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(1-(2-Chloro-4-(trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(+) or (-)-(4aR,8aS)-6-[3-[1-[4-(Trifluoromethyl)phenyl]ethoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(1-(2-Fluoro-4-(trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(1-(4-(Trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[4-[1-[4-(Trifluoromethyl)phenyl]ethoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-((S)-1-(2-Fluoro-4-(trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((R)-1-(2-Fluoro-4-(trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((S)-1-(4-(Trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((R)-1-(4-(trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(5-Methyl-6-(trifluoromethyl)pyridin-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(5,6,7,8-Tetrahydroquinolin-4-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-Bromophenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4'-Chloro-[1,1'-biphenyl]-4-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2'-Chloro-[1,1'-biphenyl]-4-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2',4'-Dichloro-[1,1'-biphenyl]-4-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(1-(4-(Trifluoromethyl)phenyl)ethoxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(1-(4-(Trifluoromethyl)phenyl)ethoxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-(S or R)-[1-(2-Chloro-4-fluoro-phenyl)ethoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(R or S)-[1-(2-Chloro-4-fluoro-phenyl)ethoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(Trifluoromethoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(4-Bromophenyl)-3-fluoroazetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-Bromophenyl)-3-hydroxyazetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-Bromophenyl)-3-methylazetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2'-(Trifluoromethyl)-[1,1'-biphenyl]-4-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2',4'-Difluoro-[1,1'-biphenyl]-4-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(3-(Trifluoromethyl)azetidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2-Chloro-[1,1'-biphenyl]-4-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-Bromo-3-chlorophenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[4-(4-Chloro-2-fluoro-phenyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(2-Chloro-4-fluoro-phenyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(3-Bromophenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(tert-Butyl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-(4-Phenylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-[2-(Difluoromethyl)phenyl]phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(6-Chloropyridin-3-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(Trifluoromethyl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(1,1-Difluoroethyl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(6-(2,4-Dichlorophenyl)pyridin-3-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(3,3-Difluoroazetidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(4-Bromophenyl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[4-(2,2,2-Trifluoroethoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(4-(2-(Trifluoromethyl)pyrrolidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(3-(Trifluoromethyl)pyrrolidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3-Bromophenyl)pyrrolidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(4-Bromophenyl)piperazine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(2',4'-dichloro-[1,1'-biphenyl]-4-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(3-azabicyclo[3.1.0]hexan-3-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(6-(2-(trifluoromethyl)pyrrolidin-1-yl)pyridin-3-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(5-Azaspiro[2.4]heptan-5-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(Pentafluoro-l6-sulfaneyl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(5-Chloropyridin-2-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2-Fluoro-4-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-(6-Methoxypyridin-3-yl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(4-Bromophenyl)pyrrolidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-Phenylazetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-Phenylpiperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[4-(2,2,2-Trifluoroethyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-[1-(Trifluoromethyl)cyclopropyl]phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(6,6-Difluoro-2-azaspiro[3.3]heptan-2-yl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(4-(8-Oxa-3-azabicyclo[3.2.1]octan-3-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(5-(2,4-Dichlorophenyl)pyridin-2-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-((S)-2-(Trifluoromethyl)pyrrolidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-((R)-2-(Trifluoromethyl)pyrrolidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[4-(1-Piperidyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(4-((R or S)-3-(Trifluoromethyl)pyrrolidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-((S or R)-3-(Trifluoromethyl)pyrrolidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(3-Fluoroazetidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3-Fluoro-4-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3-Methyl-4-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3,5-Difluoro-4-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2-Chloro-4-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(Bicyclo[1.1.1]pentan-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(5-(2-(Trifluoromethyl)pyrrolidin-1-yl)pyridin-2-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(5-Fluoro-1H-indol-3-yl)pyrrolidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(2-Fluoro-4-(trifluoromethyl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3-Chloro-4-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(1-Methyl-1H-indazol-4-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(3-Fluoropyrrolidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[4-(Trifluoromethoxy)phenyl]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(1-Methyl-1H-indazol-6-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-(S or R)-[3-(Trifluoromethoxy)phenyl]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(R or S)-[3-(Trifluoromethoxy)phenyl]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(Oxetan-3-yl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(3-Chloro-4-(3,3-difluoroazetidin-1-yl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[(3S or R)-3-(3-Bromophenyl)pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[(3R or S)-3-(3-Bromophenyl)pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(3-Azabicyclo[3.1.1]heptan-3-yl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(2-Methyl-3-(4-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3,3-Dimethyl-2,3-dihydrobenzofuran-6-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3-Chloro-5-(2,2,2-trifluoroethoxy)phenyl)pyrrolidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3,5-Dichlorophenyl)pyrrolidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-((R or S)-3-(3-Chloro-5-(2,2,2-trifluoroethoxy)phenyl)pyrrolidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-((S or R)-3-(3-Chloro-5-(2,2,2-trifluoroethoxy)phenyl)pyrrolidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(tert-Butyl)-3-methoxyphenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(1-Methyl-1H-indazol-5-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-Propylphenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(Trifluoromethoxy)-3-(trifluoromethyl)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[4-(2,2,2-Trifluoro-1,1-dimethyl-ethyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(R or S)-[4-(2,2,2-Trifluoro-1-methyl-ethoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(3-Fluoropropyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(S or R)-[4-(2,2,2-Trifluoro-1-methyl-ethoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-Cyclobutylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(3-Methoxy-4-methyl-phenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[5-(2,4-Dichlorophenyl)-1,3,4-oxadiazol-2-yl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-Fluoro-4-(trifluoromethyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[1-(2,4-Dichlorophenyl)pyrazol-3-yl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-Propoxyphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(3,4-Dimethylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(2,2-Dimethylpropyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-tert-Butoxyphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-(5-Chloroindolin-1-yl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-(4-Chloroisoindolin-2-yl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-(5'-Chlorospiro[cyclopropane-1,3'-indoline]-1'-yl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-Chloroisoindolin-2-yl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-(5-Chloroisoindolin-2-yl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(5-(3-(Trifluoromethyl)pyrrolidin-1-yl)pyridin-2-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(5-((R or S)-3-(Trifluoromethyl)pyrrolidin-1-yl)pyridin-2-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(5-((S or R)-3-(Trifluoromethyl)pyrrolidin-1-yl)pyridin-2-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

rac-(4aR,8aS)-6-[3-[6-[3-(trifluoromethyl)pyrrolidin-1-yl]-3-pyridyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[6-[3-(trifluoromethyl)pyrrolidin-1-yl]-3-pyridyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[6-[3-(trifluoromethyl)pyrrolidin-1-yl]-3-pyridyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-(4-tetrahydropyran-3-ylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[2-methoxy-4-(2,2,2-trifluoroethyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(2,2-dimethylpropoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-chloro-3-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[3-morpholino-4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[3-cyclopropyl-4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-(4-chlorophenoxy)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2,6-difluoro-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[4-chloro-3-(4-chlorophenyl)-2-fluoro-phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[2-chloro-4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-fluoro-6-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[4-methyl-2-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[6-fluoro-4-(trifluoromethyl)-2-pyridyl]oxymethyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[6-fluoro-5-(trifluoromethyl)-2-pyridyl]oxymethyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[(3,4-dichlorophenyl)methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[(2,5-dichlorophenyl)methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[3-(trifluoromethoxy)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[4-methyl-3-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[4-methyl-3-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[4-methyl-3-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[5-(trifluoromethyl)-2-pyridyl]oxymethyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-methyl-4-[[5-methyl-6-(trifluoromethyl)-3-pyridyl]oxymethyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-methyl-4-[[5-methyl-6-(trifluoromethyl)-3-pyridyl]oxymethyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenyl]methoxy]-2-methyl-azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[4,5-bis(trifluoromethyl)-2-pyridyl]oxymethyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenyl]methoxy]-2-methyl-azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenyl]methoxy]-2-methyl-azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenyl]methoxy]-2-methyl-azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-fluoro-4-(pentafluoro-lambda6-sulfanyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[4-(4-fluorophenyl)thiazol-2-yl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[rac-(2R,3S)-3-[2-bromo-5-(trifluoromethyl)phenoxy]-2-methyl-pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[2-bromo-5-(trifluoromethyl)phenoxy]-2-methyl-pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[2-bromo-5-(trifluoromethyl)phenoxy]-2-methyl-pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

6-[3-[[2,4-bis(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-methyl-3-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-methyl-4-(trifluoromethoxy)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[2-methyl-4-(trifluoromethoxy)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[2-methyl-3-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[2-fluoro-4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[3-chloro-4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-chloro-3-cyclopropyl-phenoxy)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[2-chloro-3-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(3-bromo-2-chloro-phenoxy)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(2-chloro-3-cyclopropyl-phenoxy)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-cyclopropyl-4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-chloro-4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(3-bromo-4-chloro-phenoxy)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-(2-azaspiro[3.3]heptan-2-yl)-4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-(3,3-difluoroazetidin-1-yl)-4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-(6,6-difluoro-2-azaspiro[3.3]heptan-2-yl)-4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-(5-oxa-2-azaspiro[3.5]nonan-2-yl)-4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-(2-azaspiro[3.3]heptan-2-yl)-2-chloro-phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[2-chloro-3-(5-oxa-2-azaspiro[3.4]octan-2-yl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[2-chloro-3-(5-oxa-2-azaspiro[3.5]nonan-2-yl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-(2-azaspiro[3.3]heptan-2-yl)-5-chloro-phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(3-chloro-5-pyrrolidin-1-yl-phenoxy)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[4-fluoro-2-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[3-(trifluoromethoxy)phenyl]methyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[2-fluoro-5-(trifluoromethyl)phenoxy]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[2-chloro-5-(trifluoromethyl)phenoxy]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[(3S)-3-[2-fluoro-5-(trifluoromethyl)phenoxy]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[(3R)-3-[2-fluoro-5-(trifluoromethyl)phenoxy]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[3-fluoro-4-(trifluoromethoxy)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[(2,3-dimethylphenyl)methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[(2,4-dimethylphenyl)methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-methyl-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[4-methyl-3-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4-tert-butylthiazol-2-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4-tert-butyloxazol-2-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[(4-tert-butylthiazol-2-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[(4-tert-butyloxazol-2-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[4-[(4-tert-butylthiazol-2-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[4-[(4-tert-butyloxazol-2-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[(2-chloro-4-fluoro-phenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[(4-chlorophenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[(4-chlorophenyl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aS)-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-(phenoxymethyl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-(5,6-dihydro-4H-cyclopenta[d]thiazol-2-ylmethyl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aS,8aS)-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[(3-phenyl-1,2,4-oxadiazol-5-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aR)-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperazine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[(4-chlorophenyl)methyl]piperazine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[4-[(2-chloro-4-fluoro-phenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(2-chloro-4-fluoro-phenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[4-[[5-(trifluoromethyl)-2-pyridyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[4-(trifluoromethyl)pyrazol-1-yl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[(2-chloro-4-fluoro-phenyl)methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[4-(trifluoromethoxy)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(2,4-difluorophenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4-chloro-3-fluoro-phenyl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4-chlorophenyl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[4-(trifluoromethyl)phenyl]methyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4,4-difluoro-1-piperidyl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(5-tert-butyloxazol-2-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(2-fluoro-4-methoxy-phenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[2-chloro-4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[4-[[6-(trifluoromethyl)-3-pyridyl]oxymethyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[6-(trifluoromethyl)-3-pyridyl]oxymethyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[3-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[4-[[2-chloro-4-(trifluoromethoxy)phenoxy]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-chloro-4-(trifluoromethoxy)phenoxy]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethyl)phenoxy]methyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aS,8aR)-6-[4-[(2,4-difluorophenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4-chloro-2-fluoro-phenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[4-fluoro-2-(trifluoromethyl)phenoxy]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-fluoro-4-(trifluoromethyl)phenoxy]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-pyrrolidin-1-yl-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-chloro-4-(trifluoromethyl)phenoxy]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[(2-chloro-4-fluoro-phenoxy)methyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-cyclopentyl-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[4-(trifluoromethyl)imidazol-1-yl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4-fluoro-2-methyl-phenoxy)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-chloro-4-(trifluoromethyl)phenoxy]methyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(4-tert-butylpyrazol-1-yl)methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(2R,4aR,8aS)-2-methyl-6-[4-[[4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-(1,3-benzoxazol-2-ylmethyl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[4-chloro-3-(4-chlorophenyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[(2-chloro-4-fluoro-phenoxy)methyl]-3-methyl-piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-chloro-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-fluoro-4-(trifluoromethoxy)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-(1H-pyrazol-4-yl)-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[(2,4-dichlorophenyl)methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[3-methoxy-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[5-methyl-6-(trifluoromethyl)-3-pyridyl]oxymethyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[(3-chlorophenoxy)methyl]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[(2-chlorophenoxy)methyl]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-fluoro-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[(2-chlorophenyl)methoxy]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[(3-chlorophenyl)methoxy]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-cyclopropyl-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[(4-chlorophenoxy)methyl]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[(4-chlorophenyl)methoxy]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-methyl-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2-chloro-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[[4-(trifluoromethyl)phenyl]methyl]pyrrolidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[3-fluoro-5-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[2-methyl-3-[[4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[3-chloro-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2,4-difluoro-5-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-fluoro-5-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[3-fluoro-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-methoxy-4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;
(4aR,8aS)-6-[3-[[4-chloro-2-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;
rac-(4aR,8aS)-6-[2-methyl-3-[[4-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;
(4aR,8aS)-6-[3-[4-(trifluoromethyl)phenoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;
(4aR,8aS)-6-[4-[4-chloro-3-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;
(4aR,8aS)-6-[4-(4-chloro-3-cyclopropyl-phenoxy)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;
(4aR,8aS)-6-[4-(4-chloro-3-morpholino-phenoxy)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;
(4aR,8aS)-6-[4-[2-methyl-4-(trifluoromethyl)phenoxy]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one; and
(4aR,8aS)-6-[4-(oxazolo[5,4-c]pyridin-2-ylmethyl)piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one.

3. The compound of formula (I) according to claim 1 or 2, or a pharmaceutically acceptable salt thereof, wherein X is N.

4. The compound of formula (I) according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein A is C_6-C_{14}-aryl.

5. The compound of formula (I) according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein A is phenyl.

6. The compound of formula (I) according to any one of claims 1 to 5, or a pharmaceutically acceptable salt thereof, wherein L^1 is selected from a covalent bond, $–CH_2–$, $–OCHR^L–$, $–CH_2O–$, and –NHC(O)–.

7. The compound of formula (I) according to any one of claims 1 to 5, or a pharmaceutically acceptable salt thereof, wherein L^1 is selected from a covalent bond, $–OCH_2–$, $–CH_2O–$, and $–CH_2–$.

8. The compound of formula (I) according to any one of claims 1 to 7, or a pharmaceutically acceptable salt thereof, wherein B is

(i) C_6-C_{14}-aryl or 3-14 membered heterocyclyl and L^2 is a covalent bond; or

(ii) C_3-C_{10}-cycloalkyl and L^2 is selected from a covalent bond, –O–, and –CH_2O–.

9. The compound of formula (I) according to any one of claims 1 to 7, or a pharmaceutically acceptable salt thereof, wherein B is

(i) 3-14 membered heterocyclyl and L^2 is a covalent bond; or

(ii) C_3-C_{10}-cycloalkyl and L^2 is selected from a covalent bond, –O–, and –CH_2O–.

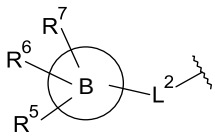
10. The compound of formula (I) according to any one of claims 1 to 7, or a pharmaceutically acceptable salt thereof, wherein B is

(i) tetrahydropyranyl and L^2 is a covalent bond; or

(ii) cyclopropyl or cyclobutyl and L^2 is selected from a covalent bond, –O–, and –CH_2O–.

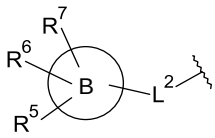
11. The compound of formula (I) according to any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, wherein R^1 is hydrogen or methyl.

12. The compound of formula (I) according to any one of claims 1 to 11, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from a group



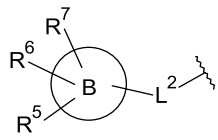
, C_1-C_6-alkyl, C_1-C_6-alkoxy, halo-C_1-C_6-alkyl, halo-C_1-C_6-alkoxy, halogen, and SF_5.

13. The compound of formula (I) according to any one of claims 1 to 11, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from a group



, halo-C_1-C_6-alkyl, halo-C_1-C_6-alkoxy, halogen, and SF_5.

14. The compound of formula (I) according to any one of claims 1 to 11, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from a group



, CF_3, OCF_3, 2,2,2-trifluoro-1,1-dimethyl-ethoxy, fluoro, and SF_5.

15. The compound of formula (I) according to any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from hydrogen, halogen, C_1-C_6-alkyl, and halo-C_1-C_6-alkyl.

16. The compound of formula (I) according to any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from hydrogen, halogen, and halo-C_1-C_6-alkyl.

17. The compound of formula (I) according to any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from hydrogen, chloro, and CF_3.

18. The compound of formula (I) according to any one of claims 1 to 17, or a pharmaceutically acceptable salt thereof, wherein R^4 is hydrogen.

19. The compound of formula (I) according to any one of claims 1 to 18, or a pharmaceutically acceptable salt thereof, wherein R^5 is selected from hydrogen and halogen.

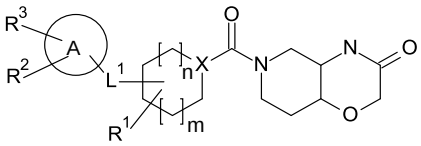
20. The compound of formula (I) according to any one of claims 1 to 18, or a pharmaceutically acceptable salt thereof, wherein R^5 is selected from hydrogen and fluoro.

21. The compound of formula (I) according to any one of claims 1 to 20, or a pharmaceutically acceptable salt thereof, wherein R^6 is selected from hydrogen and halogen.

22. The compound of formula (I) according to any one of claims 1 to 20, or a pharmaceutically acceptable salt thereof, wherein R^6 is selected from hydrogen and fluoro.

23. The compound of formula (I) according to any one of claims 1 to 22, or a pharmaceutically acceptable salt thereof, wherein R^7 is hydrogen.

24. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein the compound of formula (I) is a compound of formula (IIa)



(IIa)

wherein:

X is CH or N;

m and n are both 1; or

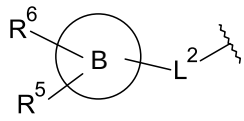
m and n are both 0;

A is selected from C_6-C_{14}-aryl and 5-14 membered heteroaryl;

L^1 is selected from a covalent bond, $–CH_2–$, $–OCHR^L–$, $–CH_2O–$, and –NHC(O)–;

R^L is selected from hydrogen and C_1-C_6-alkyl;

R^1 is hydrogen or C_1-C_6-alkyl;

R^2 is selected from a group , C_1-C_6-alkyl, C_1-C_6-alkoxy, halo-C_1-C_6-alkyl, halo-C_1-C_6-alkoxy, halogen, and SF_5;

R^3 is selected from hydrogen, halogen, C_1-C_6-alkyl, and halo-C_1-C_6-alkyl;

B is

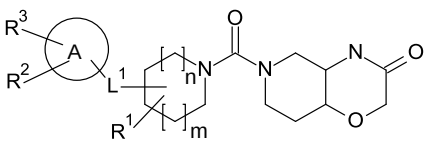
(i) C_6-C_{14}-aryl or 3-14 membered heterocyclyl and L^2 is a covalent bond; or

(ii) C_3-C_{10}-cycloalkyl and L^2 is selected from a covalent bond, –O–, and $–CH_2O–$;

R^5 is selected from hydrogen, halogen, and halo-C_1-C_6-alkyl;

R^6 is selected from hydrogen and halogen.

25. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein the compound of formula (I) is a compound of formula (IIIa)



(IIIa)

wherein:

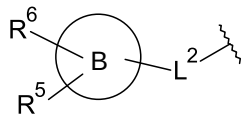
m and n are both 1; or

m and n are both 0;

A is C_6-C_{14}-aryl;

L^1 is selected from a covalent bond, $–CH_2O–$, and $–CH_2–$;

R^1 is hydrogen or C_1-C_6-alkyl;

R^2 is selected from a group , halo-C_1-C_6-alkyl, halo-C_1-C_6-alkoxy, halogen, and SF_5;

R^3 is selected from hydrogen, halogen, and halo-C_1-C_6-alkyl;

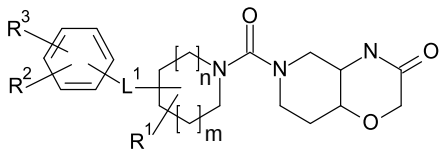
B is

(i) 3-14 membered heterocyclyl and L^2 is a covalent bond; or

(ii) C_3-C_{10}-cycloalkyl and L^2 is selected from a covalent bond, $–O–$, and $–CH_2O–$; and

R^5 and R^6 are independently selected from hydrogen and halogen.

26. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein the compound of formula (IVa)


(IVa)

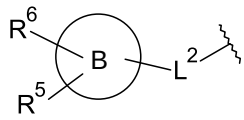
wherein:

m and n are both 1; or

m and n are both 0;

L^1 is selected from a covalent bond, $–CH_2O–$, $–OCH_2–$, and $–CH_2–$;

R^1 is hydrogen or methyl;

R^2 is selected from a group , CF_3, OCF_3, 2,2,2-trifluoro-1,1-dimethyl-ethoxy, fluoro, and SF_5;

R^3 is selected from hydrogen, chloro, and CF_3;

B is

(i) tetrahydropyranyl and L^2 is a covalent bond; or

(ii) cyclopropyl or cyclobutyl and L^2 is selected from a covalent bond, –O–, and –CH_2O–; and

R^5 and R^6 are independently selected from hydrogen and fluoro.

27. The compound of formula (I) according to any one of claims 1 to 26, or a pharmaceutically acceptable salt thereof, selected from:

(+)- or (-)-(4aR,8aS)-6-[3-(4-Tetrahydrofuran-3-ylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(-)- or (+)-(4aR,8aS)-6-[3-(4-Tetrahydrofuran-3-ylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(3,3-Difluorocyclobutoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-Isopropoxyphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-tetrahydropyran-4-ylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(3,3-difluorocyclobutyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[5-(2,4-dichlorophenyl)-1,2,4-thiadiazol-3-yl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[1-(2,4-dichlorophenyl)imidazol-4-yl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[3-[4-chloro-2-(trifluoromethyl)phenyl]-1,2,4-oxadiazol-5-yl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(2,2-dimethylchroman-6-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-isobutoxyphenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[4-(2,2,2-trifluoro-1,1-dimethyl-ethoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(4-(cyclopentyloxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4,4-Dimethylchroman-6-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(4-(Cyclopropylmethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[3-(2,4-dichlorophenyl)-1,2,4-oxadiazol-5-yl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(1-methyl-1H-indazol-5-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(5-(2,4-dichlorophenyl)-1,2,4-oxadiazol-3-yl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-(3-(trifluoromethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(1-(4-fluorophenyl)-1H-pyrazol-3-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((2,6-Dichlorobenzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((3,5-dichlorobenzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-((5-cyclopropyl-4-methylpyridin-3-yl)methyl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-((4-(trifluoromethyl)benzyl)oxy)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-((2-chloro-4-fluorobenzyl)oxy)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-((2-Chloro-4-(trifluoromethyl)benzyl)oxy)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

rac-(4aR,8aS)-6-[3-[[2-Fluoro-6-(trifluoromethyl)phenyl]methoxy]-2-methyl-azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

rac-(4aR,8aS)-6-[3-[[2-Fluoro-6-(trifluoromethyl)phenyl]methoxy]-2-methyl-azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[[2-Fluoro-6-(trifluoromethyl)phenyl]methoxy]-2-methylazetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one CHECK!;

(4aR,8aS)-6-(3-((4-fluoro-3-methoxybenzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((4-(pentafluoro-l6-sulfaneyl)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((2-(trifluoromethoxy)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((4-chloro-2-(trifluoromethoxy)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((2-methyl-5-(trifluoromethyl)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[4-[[3-phenyl-4-(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[4-[[2,4-bis(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(4-((5-methyl-6-(trifluoromethyl)pyridin-3-yl)methyl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-((2-chloro-4-fluorophenoxy)methyl)-3-methylpiperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((4-(difluoromethoxy)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((2-chloro-4-(trifluoromethyl)benzyl)oxy)cyclobutane-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((5-(trifluoromethyl)pyridin-2-yl)methoxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(3-((4-(trifluoromethoxy)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

N-(2-chloro-4-fluorophenyl)-1-((4aR,8aS)-3-oxooctahydro-2H-pyrido[4,3-b][1,4]oxazine-6-carbonyl)azetidine-3-carboxamide;

(4aS,8aR)-6-(3-(1-(2-chloro-4-(trifluoromethyl)phenoxy)ethyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-(3-(trifluoromethyl)pyridazin-4-yl)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[3-[5-(2,4-difluorophenyl)-4H-1,2,4-triazol-3-yl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one; and

(4aR,8aS)-6-[3-[[4-fluoro-2-(trifluoromethyl)phenyl]methoxy]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one.

28. The compound of formula (I) according to claim 27, or a pharmaceutically acceptable salt thereof, selected from:

(4aR,8aS)-6-[3-[4-(3,3-difluorocyclobutoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-(4-tetrahydropyran-4-ylphenyl)azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(3,3-difluorocyclobutyl)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-[3-[4-(2,2,2-trifluoro-1,1-dimethyl-ethoxy)phenyl]azetidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one;

(4aR,8aS)-6-(3-(4-(cyclopropylmethoxy)phenyl)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-(4-((2-chloro-4-(trifluoromethyl)benzyl)oxy)piperidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

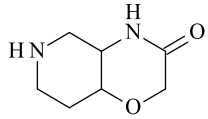
(4aR,8aS)-6-(3-((4-(pentafluoro-l6-sulfaneyl)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one;

(4aR,8aS)-6-[4-[[2,4-bis(trifluoromethyl)phenyl]methyl]piperidine-1-carbonyl]-4,4a,5,7,8,8a-hexahydropyrido[4,3-b][1,4]oxazin-3-one; and

(4aR,8aS)-6-(3-((4-(trifluoromethoxy)benzyl)oxy)azetidine-1-carbonyl)hexahydro-2H-pyrido[4,3-b][1,4]oxazin-3(4H)-one.

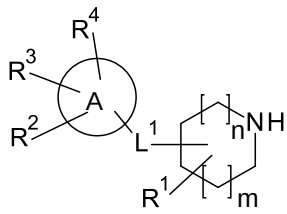
29. A process of manufacturing the compounds of formula (I) according to any one of claims 1 to 28, or pharmaceutically acceptable salts thereof, comprising:

(a) reacting a first amine 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),



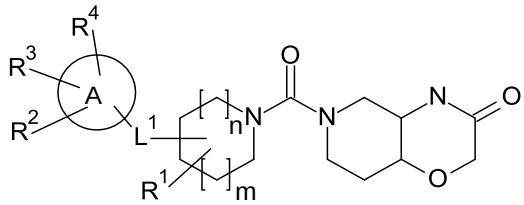
1

with a second amine **2**, wherein A, L^1, m, n, and R^1 to R^4 are as defined in any one of claims 1 to 28,



2

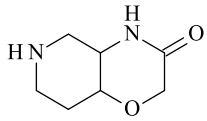
in the presence of a base and a urea forming reagent, to form a compound of formula (IA), wherein A, L^1, m, n, and R^1 to R^4 are as defined in any one of claims 1 to 28,



IA

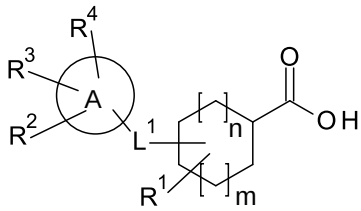
; or

(b) reacting 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),



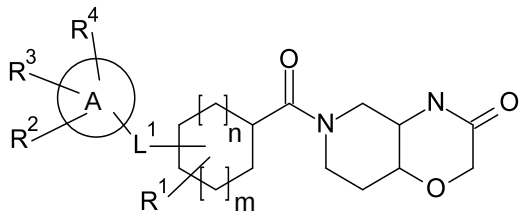
1

with a carboxylic acid **3a**, wherein A, L^1, m, n, and R^1 to R^4 are as defined in any one of claims 1 to 28,



3a

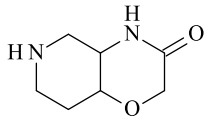
in the presence of a coupling reagent and optionally a base to form a compound of formula (IB), wherein A, L^1, m, n, and R^1 to R^4 are as defined in any one of claims 1 to 28,



IB

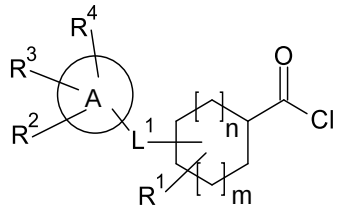
; or

(c) reacting 4a,5,6,7,8,8a-hexahydro-4H-pyrido[4,3-b][1,4]oxazin-3-one (**1**),



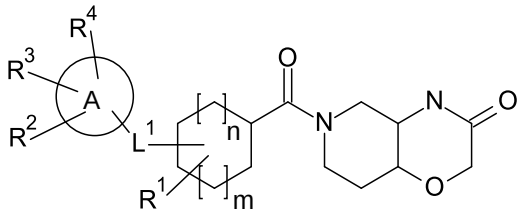
1

with a carboxylic acid chloride **3b**, wherein A, L^1, m, n, and R^1 to R^4 are as defined in any one of claims 1 to 28,



3b

in the presence of a base, to form a compound of formula (IB), wherein A, L^1, m, n, and R^1 to R^4 are as defined in any one of claims 1 to 28,



IB

.

30. A compound of formula (I) according to any one of claims 1 to 28, or a pharmaceutically acceptable salt thereof, when manufactured according to the process of claim 29.

31. A compound of formula (I) according to any one of claims 1 to 28 and 30, or a pharmaceutically acceptable salt thereof, for use as therapeutically active substance.

32. A pharmaceutical composition comprising a compound of formula (I) according to any one of claims 1 to 28 and 30, or a pharmaceutically acceptable salt thereof, and a therapeutically inert carrier.

33. A compound of formula (I) according to any one of claims 1 to 28 and 30, or a pharmaceutically acceptable salt thereof, or of a pharmaceutical composition according to claim 32 for use in the treatment or prophylaxis of neuroinflammation, neurodegenerative diseases, pain, cancer, mental disorders and/or inflammatory bowel disease in a mammal.

34. A compound of formula (I) according to any one of claims 1 to 28 and 30, or a pharmaceutically acceptable salt thereof, or of a pharmaceutical composition according to claim 32 for use in the treatment or prophylaxis of multiple sclerosis, Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, traumatic brain injury, neurotoxicity, stroke, epilepsy, anxiety, migraine, depression, hepatocellular carcinoma, colon carcinogenesis, ovarian cancer, neuropathic pain, chemotherapy induced neuropathy, acute pain, chronic pain, spasticity associated with pain, abdominal pain, abdominal pain associated with irritable bowel syndrome and/or visceral pain in a mammal.

35. The use of a compound of formula (I) according to any one of claims 1 to 28 and 30, or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment or prophylaxis of neuroinflammation, neurodegenerative diseases, pain, cancer, mental disorders and/or inflammatory bowel disease in a mammal.

36. The use of a compound of formula (I) according to any one of claims 1 to 28 and 30, or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment or prophylaxis of multiple sclerosis, Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, traumatic brain injury, neurotoxicity, stroke, epilepsy, anxiety, migraine, depression, hepatocellular carcinoma, colon carcinogenesis, ovarian cancer, neuropathic pain, chemotherapy induced neuropathy, acute pain, chronic pain, spasticity associated with pain, abdominal pain, abdominal pain associated with irritable bowel syndrome and/or visceral pain in a mammal.