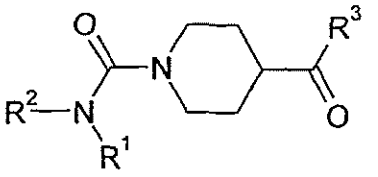
Patent Claims

1. Compounds of the formula I



I

in which

R^1 denotes A or CH_2COOA,

R^2, R^3 each, independently of one another, denote Ar or Het^1,

R^1 and R^2 together with the N atom to which they are attached, denote a heterocylic ring selected from 2,3-dihydro-indolyl or 3,4-dihydro-quinolyl,

Het^1 denotes pyridyl, pyrimidinyl, pyrazinyl or pyridazinyl, each of which may mono-, di- or trisubstituted by Hal, A, OH, CN and/or OA,

Ar denotes phenyl, which is unsubstituted, or mono-, di- or trisubstituted by Hal, NO_2, CN, A, OR^4, $S(O)_mR^4$, $N(R^4)_2$, COA, $COOR^4$, $CON(R^4)_2$, $SO_2N(R^4)_2$, NR^4COR^4, NR^4SO_2A, $NR^4CON(R^4)_2$ and/or Het^2,

R^4 denotes H or A',

A denotes unbranched or branched alkyl with 1 - 8 C-Atoms, wherein one or two non-adjacent CH- and/or CH_2-groups may be replaced by N- or O-atoms and wherein 1-7 H-atoms may be replaced by F or Cl,

A' denotes unbranched or branched alkyl with 1, 2, 3 or 4 C-Atoms,

Het^2 denotes pyrazolyl, which may be substituted by A or $(CH_2)_nHet^3$,

Het^3 denotes pyrrolidinyl, piperidinyl, morpholinyl or piperazinyl, each of which may substituted by A,

Hal denotes F, Cl, Br or I,

m denotes 0, 1 or 2,

n denotes 1, 2, 3 or 4,

with the proviso, that
4-(4-fluorobenzoyl)-N-methyl-N-phenyl-piperidine-1-carboxamide and 4-(4-fluorobenzoyl)-N-(4-fluorophenyl)-N-methyl-piperidine-1-carboxamide are excluded,
and pharmaceutically acceptable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

2. Compounds according to Claim 1, in which

Ar denotes phenyl, which is unsubstituted, or mono- or disubstituted by Hal, CN, A, OA, $NHSO_2A$ and/or Het^2,

and pharmaceutically acceptable solvates, salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

3. Compounds according to Claim 1 or 2, in which

A denotes unbranched or branched alkyl with 1 - 8 C-Atoms, wherein one or two non-adjacent CH_2-groups may be replaced by O-atoms,

and pharmaceutically acceptable solvates, salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

4. Compounds according to Claim 1, in which

R^1 denotes A or CH_2COOA,

R^2, R^3 denote Ar,

R^1 and R^2 together with the N atom to which they are attached, denote a heterocylic ring selected from 2,3-dihydro-indolyl or 3,4-dihydro-quinolyl,

Ar denotes phenyl, which is unsubstituted, or mono-, di- or trisubstituted by Hal, CN, A, OA, $NHSO_2A$ and/or Het^2,

R^4 denotes H or A',

A denotes unbranched or branched alkyl with 1 - 8 C-Atoms, wherein one or two non-adjacent CH_2-groups may be replaced by O-atoms,

A' denotes unbranched or branched alkyl with 1, 2, 3 or 4 C-Atoms,

Het^2 denotes pyrazolyl, which may be substituted by A or $(CH_2)_nHet^3$,

Het^3 denotes pyrrolidinyl, piperidinyl, morpholinyl or piperazinyl, each of which may substituted by A,

Hal denotes F, Cl, Br or I,

m denotes 0, 1 or 2,

n denotes 1, 2, 3 or 4,

and pharmaceutically acceptable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

5. Compounds according to Claim 1, in which

R^1 denotes A or CH_2COOA,

R^2 denotes Ar or Het^1,

R^3 denote Ar,

R^1 and R^2 together with the N atom to which they are attached, denote a heterocylic ring selected from 2,3-dihydro-indolyl or 3,4-dihydro-quinolyl,

Ar denotes phenyl, which is unsubstituted, or mono-, di- or trisubstituted by Hal, CN, A, OA, $NHSO_2A$ and/or Het^2,

R^4 denotes H or A',

A denotes unbranched or branched alkyl with 1 - 8 C-Atoms, wherein one or two non-adjacent CH_2-groups may be replaced by O-atoms,

A' denotes unbranched or branched alkyl with 1, 2, 3 or 4 C-Atoms,

Het^1 denotes pyridyl, pyrimidinyl, pyrazinyl or pyridazinyl, each of which may mono- or disubstituted by CN and/or OA,

Het^2 denotes pyrazolyl, which may be substituted by A or $(CH_2)_nHet^3$,

Het^3 denotes pyrrolidinyl, piperidinyl, morpholinyl or piperazinyl, each of which may substituted by A,

Hal denotes F, Cl, Br or I,

m denotes 0, 1 or 2,

n denotes 1, 2, 3 or 4,

and pharmaceutically acceptable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

6. Compounds according to Claim 1, selected from the group

No.	Name
"A1"	4-benzoyl-piperidine-1-carboxylic acid methyl-m-tolyl-amide
"A2"	4-benzoyl-piperidine-1-carboxylic acid methyl-p-tolyl-amide
"A3"	4-benzoyl-piperidine-1-carboxylic acid (3-methoxy-phenyl)-methyl-amide
"A4"	4-benzoyl-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A5"	4-(4-methyl-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A6"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide

"A7"	4-(3-fluoro-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A8"	4-(4-fluoro-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A9"	4-(4-chloro-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A10"	4-benzoyl-piperidine-1-carboxylic acid (3-cyano-phenyl)-methyl-amide
"A11"	4-benzoyl-piperidine-1-carboxylic acid (4-cyano-phenyl)-methyl-amide
"A12"	4-benzoyl-piperidine-1-carboxylic acid (3-fluoro-phenyl)-methyl-amide
"A13"	4-benzoyl-piperidine-1-carboxylic acid (4-fluoro-phenyl)-methyl-amide
"A14"	4-benzoyl-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide
"A15"	4-benzoyl-piperidine-1-carboxylic acid (2-hydroxy-ethyl)-(4-methoxy-phenyl)-amide
"A16"	(4-benzoyl-piperidin-1-yl)-(2,3-dihydro-indol-1-yl)-methanone
"A17"	(2,3-dihydro-indol-1-yl)-[4-(4-methyl-benzoyl)-piperidin-1-yl]-methanone
"A18"	(2,3-dihydro-indol-1-yl)-[4-(4-methoxy-benzoyl)-piperidin-1-yl]-methanone
"A19"	(2,3-dihydro-indol-1-yl)-[4-(3-fluoro-benzoyl)-piperidin-1-yl]-methanone
"A20"	(2,3-dihydro-indol-1-yl)-[4-(4-fluoro-benzoyl)-piperidin-1-yl]-methanone
"A21"	[4-(4-chloro-benzoyl)-piperidin-1-yl]-(2,3-dihydro-indol-1-yl)-methanone
"A22"	(4-benzoyl-piperidin-1-yl)-(3,4-dihydro-2H-quinolin-1-yl)-methanone

"A23"	4-(4-methoxy-3-methyl-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A24"	4-(4-methoxy-3-methyl-benzoyl)-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide
"A25"	4-(3-methyl-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A26"	4-(3-methyl-benzoyl)-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide
"A27"	4-(3-methoxy-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A28"	4-(3-methoxy-benzoyl)-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide
"A29"	4-(3-fluoro-4-methoxy-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A30"	4-{4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A31"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid {4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-phenyl}-methyl-amide
"A32"	4-{4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid {4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-phenyl}-methyl-amide
"A33"	4-[4-(1-ethyl-1H-pyrazol-4-yl)-benzoyl]-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A34"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid [4-(1-ethyl-1H-pyrazol-4-yl)-phenyl]-methyl-amide
"A35"	4-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A36"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid methyl-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-phenyl}-amide

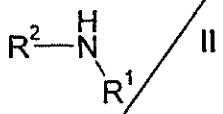
"A37"	4-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid methyl-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-phenyl}-amide
"A38"	4-(4-methanesulfonylamino-benzoyl)-piperidine-1-carboxylic acid methyl-phenyl-amide
"A39"	[(4-benzoyl-piperidine-1-carbonyl)-phenyl-amino]-acetic acid ethyl ester
"A40"	{[4-(4-methoxy-benzoyl)-piperidine-1-carbonyl]-phenyl-amino}-acetic acid ethyl ester
"A41"	N-ethyl-4-(3-fluoro-4-methoxy-benzoyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A42"	4-(3-fluoro-4-methoxy-benzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A43"	N-ethyl-N-(4-methoxyphenyl)-4-(6-methoxypyridine-3-carbonyl)piperidine-1-carboxamide
"A44"	4-benzoyl-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A45"	N-(6-methoxy-3-pyridyl)-N-methyl-4-(3-methylbenzoyl)piperidine-1-carboxamide
"A46"	N-(6-methoxy-3-pyridyl)-N-methyl-4-(4-methylbenzoyl)piperidine-1-carboxamide
"A47"	4-(3-methoxybenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A48"	4-[4-(1-ethylpyrazol-4-yl)benzoyl]-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A49"	4-(4-methoxybenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A50"	4-(3-fluorobenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A51"	4-(4-fluorobenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide

"A52"	4-(4-methoxy-3-methyl-benzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A53"	N-(4-methoxyphenyl)-4-(6-methoxypyridine-3-carbonyl)-N-methyl-piperidine-1-carboxamide
"A54"	4-[4-(1-hydroxy-1-methyl-ethyl)benzoyl]-N-(4-methoxyphenyl)-N-methyl-piperidine-1-carboxamide
"A55"	N-[4-(1-hydroxy-1-methyl-ethyl)phenyl]-4-(4-methoxybenzoyl)-N-methyl-piperidine-1-carboxamide
"A56"	4-[4-(1-hydroxy-1-methyl-ethyl)benzoyl]-N-[4-(1-hydroxy-1-methyl-ethyl)phenyl]-N-methyl-piperidine-1-carboxamide
"A57"	4-[4-(1-Ethyl-1H-pyrazol-4-yl)-benzoyl]-piperidine-1-carboxylic acid [4-(1-ethyl-1H-pyrazol-4-yl)-phenyl]-methyl-amide
"A58"	N-(4-cyanophenyl)-4-(4-methoxybenzoyl)-N-methyl-piperidine-1-carboxamide
"A59"	N-(4-cyanophenyl)-N-(2-hydroxyethyl)-4-(4-methoxybenzoyl)piperidine-1-carboxamide
"A60"	N-(6-cyano-3-pyridyl)-4-(4-methoxybenzoyl)-N-methyl-piperidine-1-carboxamide
"A61"	N-(4-cyanophenyl)-4-(3-fluoro-4-methoxy-benzoyl)-N-methyl-piperidine-1-carboxamide
"A62"	N-(4-cyanophenyl)-N-(2-hydroxyethyl)-4-(4-methoxy-3-methyl-benzoyl)piperidine-1-carboxamide
"A63"	N-(4-cyanophenyl)-4-(3-fluoro-4-methoxy-benzoyl)-N-(2-hydroxyethyl)piperidine-1-carboxamide
"A64"	N-(2-hydroxyethyl)-4-(4-methoxybenzoyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A65"	N-(2-hydroxyethyl)-4-(4-methoxy-3-methyl-benzoyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A66"	4-(3-fluoro-4-methoxy-benzoyl)-N-(2-hydroxyethyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A67"	N-(2-hydroxyethyl)-4-(4-methoxy-3-methyl-benzoyl)-N-(6-methoxy-3-pyridyl)piperidine-1-carboxamide

"A68"	4-(3-fluoro-4-methoxy-benzoyl)-N-(2-hydroxyethyl)-N-(6-methoxy-3-pyridyl)piperidine-1-carboxamide
"A69"	N-(2-hydroxyethyl)-4-(4-methoxybenzoyl)-N-(6-methoxy-3-pyridyl)piperidine-1-carboxamide
"A70"	4-(4-methoxybenzoyl)-N-(6-methoxypyridazin-3-yl)-N-methyl-piperidine-1-carboxamide
"A71"	4-(4-methoxybenzoyl)-N-(2-methoxypyrimidin-5-yl)-N-methyl-piperidine-1-carboxamide

and pharmaceutically acceptable solvates, salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

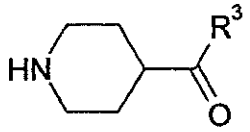
7. Process for the preparation of compounds of the formula I according to Claims 1-6 and pharmaceutically acceptable salts, solvates, tautomers and stereoisomers thereof, characterised in that
a compound of the formula II



II

in which R^1 and R^2 have the meanings indicated in Claim 1,

is reacted
with a compound of formula III



III

in which R^3 has the meanings indicated in Claim 1,

and with phosgene or triphosgene,

and/or
a base or acid of the formula I is converted into one of its salts.

8. Medicaments comprising at least one compound of the formula I and/or pharmaceutically acceptable salts, solvates, tautomers and stereoisomers thereof, including mixtures thereof in all ratios, and optionally an pharmaceutically acceptable carrier, excipient or vehicle.

9. Medicaments comprising at least one compound of the formula I and/or pharmaceutically acceptable salts, solvates and stereoisomers thereof, including mixtures thereof in all ratios, and at least one further medicament active ingredient.

10. Set (kit) consisting of separate packs of

(a) an effective amount of a compound of the formula I and/or pharmaceutically acceptable salts, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios,

and

(b) an effective amount of a further medicament active ingredient.

Patent Claims

1. Compounds selected from the group

No.	Name
"A1"	4-benzoyl-piperidine-1-carboxylic acid methyl-m-tolyl-amide
"A2"	4-benzoyl-piperidine-1-carboxylic acid methyl-p-tolyl-amide
"A3"	4-benzoyl-piperidine-1-carboxylic acid (3-methoxy-phenyl)-methyl-amide
"A4"	4-benzoyl-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A5"	4-(4-methyl-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A6"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A7"	4-(3-fluoro-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A8"	4-(4-fluoro-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A9"	4-(4-chloro-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A10"	4-benzoyl-piperidine-1-carboxylic acid (3-cyano-phenyl)-methyl-amide
"A11"	4-benzoyl-piperidine-1-carboxylic acid (4-cyano-phenyl)-methyl-amide
"A12"	4-benzoyl-piperidine-1-carboxylic acid (3-fluoro-phenyl)-methyl-amide
"A13"	4-benzoyl-piperidine-1-carboxylic acid (4-fluoro-phenyl)-methyl-amide
"A14"	4-benzoyl-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide

"A15"	4-benzoyl-piperidine-1-carboxylic acid (2-hydroxy-ethyl)-(4-methoxy-phenyl)-amide
"A16"	(4-benzoyl-piperidin-1-yl)-(2,3-dihydro-indol-1-yl)-methanone
"A17"	(2,3-dihydro-indol-1-yl)-[4-(4-methyl-benzoyl)-piperidin-1-yl]-methanone
"A18"	(2,3-dihydro-indol-1-yl)-[4-(4-methoxy-benzoyl)-piperidin-1-yl]-methanone
"A19"	(2,3-dihydro-indol-1-yl)-[4-(3-fluoro-benzoyl)-piperidin-1-yl]-methanone
"A20"	(2,3-dihydro-indol-1-yl)-[4-(4-fluoro-benzoyl)-piperidin-1-yl]-methanone
"A21"	[4-(4-chloro-benzoyl)-piperidin-1-yl]-(2,3-dihydro-indol-1-yl)-methanone
"A22"	(4-benzoyl-piperidin-1-yl)-(3,4-dihydro-2H-quinolin-1-yl)-methanone
"A23"	4-(4-methoxy-3-methyl-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A24"	4-(4-methoxy-3-methyl-benzoyl)-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide
"A25"	4-(3-methyl-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A26"	4-(3-methyl-benzoyl)-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide
"A27"	4-(3-methoxy-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A28"	4-(3-methoxy-benzoyl)-piperidine-1-carboxylic acid ethyl-(4-methoxy-phenyl)-amide
"A29"	4-(3-fluoro-4-methoxy-benzoyl)-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide

"A30"	4-{4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A31"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid {4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-phenyl}-methyl-amide
"A32"	4-{4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid {4-[1-(2-methoxy-ethyl)-1H-pyrazol-4-yl]-phenyl}-methyl-amide
"A33"	4-[4-(1-ethyl-1H-pyrazol-4-yl)-benzoyl]-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A34"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid [4-(1-ethyl-1H-pyrazol-4-yl)-phenyl]-methyl-amide
"A35"	4-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid (4-methoxy-phenyl)-methyl-amide
"A36"	4-(4-methoxy-benzoyl)-piperidine-1-carboxylic acid methyl-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-phenyl}-amide
"A37"	4-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-benzoyl}-piperidine-1-carboxylic acid methyl-{4-[1-(2-pyrrolidin-1-yl-ethyl)-1H-pyrazol-4-yl]-phenyl}-amide
"A38"	4-(4-methanesulfonylamino-benzoyl)-piperidine-1-carboxylic acid methyl-phenyl-amide
"A39"	[(4-benzoyl-piperidine-1-carbonyl)-phenyl-amino]-acetic acid ethyl ester
"A40"	{[4-(4-methoxy-benzoyl)-piperidine-1-carbonyl]-phenyl-amino}-acetic acid ethyl ester
"A41"	N-ethyl-4-(3-fluoro-4-methoxy-benzoyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A42"	4-(3-fluoro-4-methoxy-benzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide

"A43"	N-ethyl-N-(4-methoxyphenyl)-4-(6-methoxypyridine-3-carbonyl)piperidine-1-carboxamide
"A44"	4-benzoyl-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A45"	N-(6-methoxy-3-pyridyl)-N-methyl-4-(3-methylbenzoyl)piperidine-1-carboxamide
"A46"	N-(6-methoxy-3-pyridyl)-N-methyl-4-(4-methylbenzoyl)piperidine-1-carboxamide
"A47"	4-(3-methoxybenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A48"	4-[4-(1-ethylpyrazol-4-yl)benzoyl]-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A49"	4-(4-methoxybenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A50"	4-(3-fluorobenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A51"	4-(4-fluorobenzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A52"	4-(4-methoxy-3-methyl-benzoyl)-N-(6-methoxy-3-pyridyl)-N-methyl-piperidine-1-carboxamide
"A53"	N-(4-methoxyphenyl)-4-(6-methoxypyridine-3-carbonyl)-N-methyl-piperidine-1-carboxamide
"A54"	4-[4-(1-hydroxy-1-methyl-ethyl)benzoyl]-N-(4-methoxyphenyl)-N-methyl-piperidine-1-carboxamide
"A55"	N-[4-(1-hydroxy-1-methyl-ethyl)phenyl]-4-(4-methoxybenzoyl)-N-methyl-piperidine-1-carboxamide
"A56"	4-[4-(1-hydroxy-1-methyl-ethyl)benzoyl]-N-[4-(1-hydroxy-1-methyl-ethyl)phenyl]-N-methyl-piperidine-1-carboxamide
"A57"	4-[4-(1-Ethyl-1H-pyrazol-4-yl)-benzoyl]-piperidine-1-carboxylic acid [4-(1-ethyl-1H-pyrazol-4-yl)-phenyl]-methyl-amide

"A58"	N-(4-cyanophenyl)-4-(4-methoxybenzoyl)-N-methyl-piperidine-1-carboxamide
"A59"	N-(4-cyanophenyl)-N-(2-hydroxyethyl)-4-(4-methoxybenzoyl)piperidine-1-carboxamide
"A60"	N-(6-cyano-3-pyridyl)-4-(4-methoxybenzoyl)-N-methyl-piperidine-1-carboxamide
"A61"	N-(4-cyanophenyl)-4-(3-fluoro-4-methoxy-benzoyl)-N-methyl-piperidine-1-carboxamide
"A62"	N-(4-cyanophenyl)-N-(2-hydroxyethyl)-4-(4-methoxy-3-methyl-benzoyl)piperidine-1-carboxamide
"A63"	N-(4-cyanophenyl)-4-(3-fluoro-4-methoxy-benzoyl)-N-(2-hydroxyethyl)piperidine-1-carboxamide
"A64"	N-(2-hydroxyethyl)-4-(4-methoxybenzoyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A65"	N-(2-hydroxyethyl)-4-(4-methoxy-3-methyl-benzoyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A66"	4-(3-fluoro-4-methoxy-benzoyl)-N-(2-hydroxyethyl)-N-(4-methoxyphenyl)piperidine-1-carboxamide
"A67"	N-(2-hydroxyethyl)-4-(4-methoxy-3-methyl-benzoyl)-N-(6-methoxy-3-pyridyl)piperidine-1-carboxamide
"A68"	4-(3-fluoro-4-methoxy-benzoyl)-N-(2-hydroxyethyl)-N-(6-methoxy-3-pyridyl)piperidine-1-carboxamide
"A69"	N-(2-hydroxyethyl)-4-(4-methoxybenzoyl)-N-(6-methoxy-3-pyridyl)piperidine-1-carboxamide
"A70"	4-(4-methoxybenzoyl)-N-(6-methoxypyridazin-3-yl)-N-methyl-piperidine-1-carboxamide
"A71"	4-(4-methoxybenzoyl)-N-(2-methoxypyrimidin-5-yl)-N-methyl-piperidine-1-carboxamide

and pharmaceutically acceptable solvates, salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

2. Medicaments comprising at least one compound according to claim 1 and/or pharmaceutically acceptable salts, solvates, tautomers and

stereoisomers thereof, including mixtures thereof in all ratios, and optionally an pharmaceutically acceptable carrier, excipient or vehicle.

3. Medicaments comprising at least one compound according to claim 1 and/or pharmaceutically acceptable salts, solvates and stereoisomers thereof, including mixtures thereof in all ratios, and at least one further medicament active ingredient.

4. Set (kit) consisting of separate packs of

(a) an effective amount of a compound according to claim 1 and/or pharmaceutically acceptable salts, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios, and

(b) an effective amount of a further medicament active ingredient.