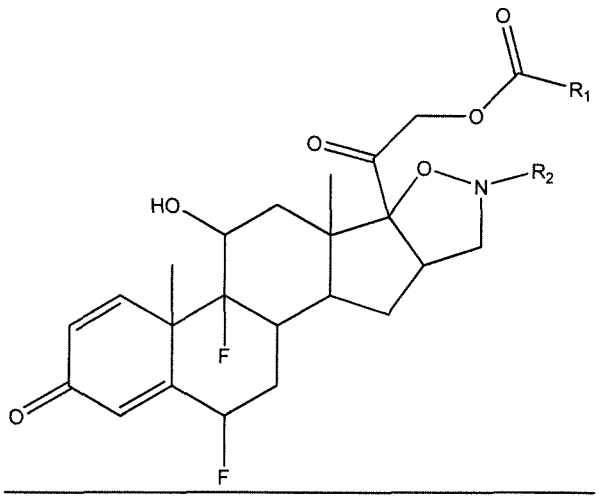
CLAIMS

1. A compound of formula (I):



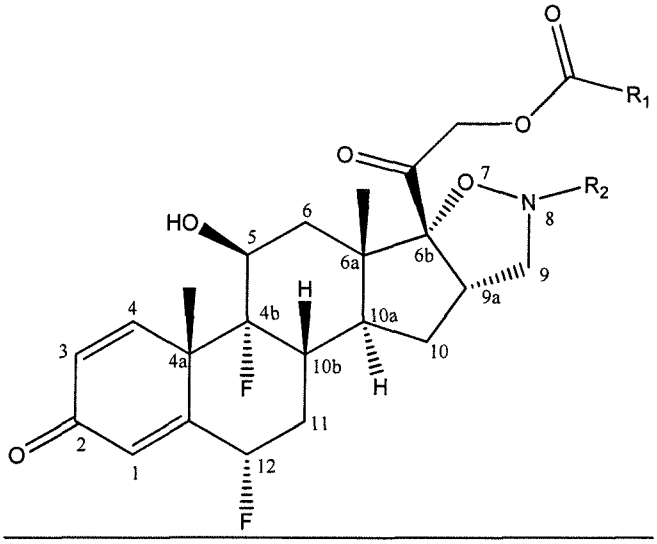
wherein

R_1 is linear or branched $(C_1\text{-}C_{16})$alkyl, linear or branched $(C_2\text{-}C_{18})$alkenyl, —OR_6, aryl, aryl$(C_1\text{-}C_{16})$alkyl, —SR_6, —$N(R_4)(R_5)$, $(C_3\text{-}C_8)$cycloalkyl, $(C_3\text{-}C_8)$heterocycloalkyl, or heteroaryl, wherein optionally one or more hydrogen atoms are replaced by $(C_1\text{-}C_6)$alkyl, and wherein R_4 and R_5 are independently H or linear or branched $(C_1\text{-}C_6)$alkyl, and R_6 is linear or branched $(C_1\text{-}C_{16})$alkyl;

R_2 is aryl optionally substituted by one or more halogen atoms,

or a pharmaceutically acceptable salt thereof.

2. A compound or pharmaceutically acceptable salt according to claim 1, wherein stereogenic carbons have a stereochemistry as depicted in formula (I'):



3. A compound or pharmaceutically acceptable salt according to claim 1, wherein R_1 is selected from the group consisting of methyl, isopropyl, ethyl, quindecyl, butyl, hexyl, heptadecenyl, methoxy, methylsulfanyl, isobutyl, isopentyl, tertbutyl, methylamino, dimethylamino, phenyl, cyclopropyl, cyclopentyl, methylpropanoxy, benzyl, piridyl, piperazinyl, piperidinyl, pyrrolidinyl, thiazolidinyl, and furyl; and R_2 is p-chlorophenyl.

4. A compound or pharmaceutically acceptable salt according to claim 2, wherein R_1 is selected from the group consisting of methyl, isopropyl, ethyl, quindecyl, butyl, hexyl, heptadecenyl, methoxy, methylsulfanyl, isobutyl, isopentyl, tertbutyl, methylamino, dimethylamino, phenyl, cyclopropyl, cyclopentyl, methylpropanoxy, benzyl, piridyl, piperazinyl, piperidinyl, pyrrolidinyl, thiazolidinyl, and furyl; and R_2 is p-chlorophenyl.

5. A compound or pharmaceutically acceptable salt according to claim 1, which is a compound selected from the group consisting of:

isobutyric acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

propionic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

hexadecanoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

octadec-9-enoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

pentanoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

acetic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

benzoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

methyl carbonate (Methyl formate) 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester);

S-methyl carbonothioate (or S-methyl methanethioate) 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

3-methylbutanoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

pivalic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

2-phenylacetic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

furan-2-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

cyclopentane-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

cyclopropane-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

isonicotinic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

isobutyl methyl carbonate 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

hexyl carbonate 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester);

dimethyl 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl carbamate;

methyl 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl carbamate;

piperazine-1-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

thiazolidine-4-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

proline, 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester; and

piperidine-4-carboxylic acid, 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

or a pharmaceutically acceptable salt of said compound.

6. A pharmaceutical composition, comprising a compound or pharmaceutically

acceptable salt according to claim 1 and one or more pharmaceutically acceptable carriers and/or excipients.

7. A pharmaceutical composition, comprising a compound or pharmaceutically acceptable salt according to claim 2 and one or more pharmaceutically acceptable carriers and/or excipients.

8. A pharmaceutical composition, comprising a compound or pharmaceutically acceptable salt according to claim 3 and one or more pharmaceutically acceptable carriers and/or excipients.

9. A pharmaceutical composition, comprising a compound or pharmaceutically acceptable salt according to claim 4 and one or more pharmaceutically acceptable carriers and/or excipients.

10. A pharmaceutical composition, comprising a compound or pharmaceutically acceptable salt according to claim 5 and one or more pharmaceutically acceptable carriers and/or excipients.

11. A combination, comprising a compound or pharmaceutically acceptable salt according to claim 1 and one or more active ingredients selected from the group consisting of a beta2-agonist, antimuscarinic agent, mitogen-activated protein kinase (P38 MAP kinase) inhibitor, nuclear factor kappa-B kinase subunit beta (IKK2) inhibitor, human neutrophil elastase (HNE) inhibitor, phosphodiesterase 4 (PDE4) inhibitor, leukotriene modulator, non-steroidal anti-inflammatory agent (NSAID), antitussive agent, expectorant/mucokinetic modulator, peptide mucolytic, inhibitor of Janus kinase (JAK), spleen tyrosine kinase inhibitor, inhibitor of phosphatidylinositol 3-kinase (PI3K) delta, inhibitor of phosphatidylinositol 3-kinase (PI3K) gamma, M3-antagonist/beta2-agonist (MABA), and M3-antagonist/PDE4-inhibitor (MAPI).

12. A combination, comprising a compound or pharmaceutically acceptable salt according to claim 5 and one or more active ingredients selected from the group

consisting of a beta2-agonist, antimuscarinic agent, mitogen-activated protein kinase (P38 MAP kinase) inhibitor, nuclear factor kappa-B kinase subunit beta (IKK2) inhibitor, human neutrophil elastase (HNE) inhibitor, phosphodiesterase 4 (PDE4) inhibitor, leukotriene modulator, non-steroidal anti-inflammatory agent (NSAID), antitussive agent, expectorant/mucokinetic modulator, peptide mucolytic, inhibitor of Janus kinase (JAK), spleen tyrosine kinase inhibitor, inhibitor of phosphatidylinositol 3-kinase (PI3K) delta, inhibitor of phosphatidylinositol 3-kinase (PI3K) gamma, M3-antagonist/beta2-agonist (MABA), and M3-antagonist/PDE4-inhibitor (MAPI).

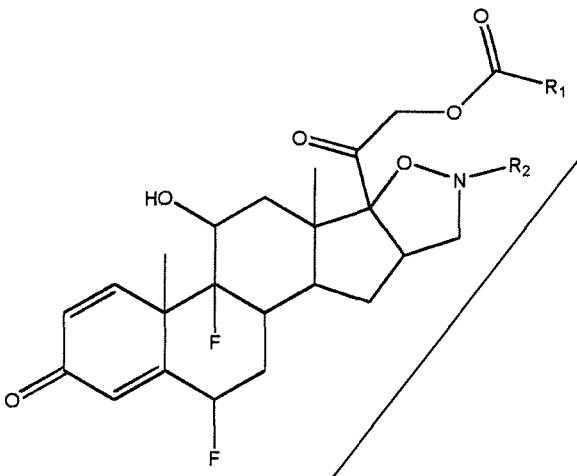
13. The compound isobutyric acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester or a pharmaceutically acceptable salt thereof.

14. A pharmaceutical composition, comprising a compound or pharmaceutically acceptable salt according to claim 12 and one or more pharmaceutically acceptable carriers and/or excipients.

15. A combination, comprising a compound or pharmaceutically acceptable salt according to claim 13 and one or more active ingredients selected from the group consisting of a beta2-agonist, antimuscarinic agent, mitogen-activated protein kinase (P38 MAP kinase) inhibitor, nuclear factor kappa-B kinase subunit beta (IKK2) inhibitor, human neutrophil elastase (HNE) inhibitor, phosphodiesterase 4 (PDE4) inhibitor, leukotriene modulator, non-steroidal anti-inflammatory agent (NSAID), antitussive agent, expectorant/mucokinetic modulator, peptide mucolytic, inhibitor of Janus kinase (JAK), spleen tyrosine kinase inhibitor, inhibitor of phosphatidylinositol 3-kinase (PI3K) delta, inhibitor of phosphatidylinositol 3-kinase (PI3K) gamma, M3-antagonist/beta2-agonist (MABA), and M3-antagonist/PDE4-inhibitor (MAPI).

CLAIMS

1. A compound of general formula **(I)**



(I)

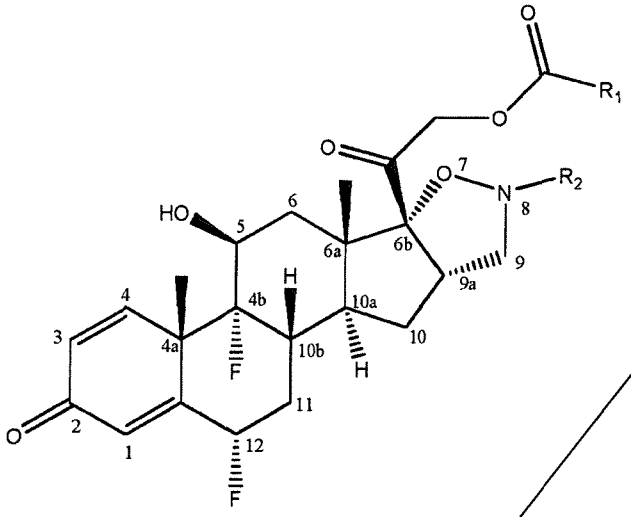
wherein

$\mathbf{R_1}$ is selected from the group consisting of linear or branched $(C_1\text{-}C_{16})$alkyl, linear or branched $(C_2\text{-}C_{18})$alkenyl, $-OR_6$, aryl, aryl$(C_1\text{-}C_{16})$alkyl, $-SR_6$, $-N(R_4)(R_5)$, $(C_3\text{-}C_8)$cycloalkyl, $(C_3\text{-}C_8)$heterocycloalkyl and heteroaryl, wherein optionally one or more hydrogen atoms are replaced by $(C_1\text{-}C_6)$alkyl, and wherein $\mathbf{R_4}$ and $\mathbf{R_5}$ are independently selected from H or linear or branched $(C_1\text{-}C_6)$alkyl and $\mathbf{R_6}$ is linear or branched $(C_1\text{-}C_{16})$alkyl;

$\mathbf{R_2}$ is aryl optionally substituted by one or more halogen atoms; and

pharmaceutically acceptable salts thereof.

2. A compound according to claim 1 wherein stereogenic carbons have a stereochemistry as depicted in general formula (I')



(I')

3. A compound according to anyone of claims 1 to 2, wherein $\mathbf{R_1}$ is selected from the group consisting of methyl, isopropyl, ethyl, quindecyl, butyl, hexyl, heptadecenyl, methoxy, methylsulfanyl, isobutyl, isopentyl, tert.butyl, methylamino, dimethylamino, phenyl, cyclopropyl, cyclopentyl, methylpropanoxy, benzyl, pyridyl, piperazinyl, piperidinyl, pyrrolidinyl, thiazolidinyl and furyl; and $\mathbf{R_2}$ is p-chlorophenyl; and pharmaceutically acceptable salts thereof.

4. A compound according to anyone of claims 1 to 3 which is:

Isobutyric acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Propionic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Hexadecanoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Octadec-9-enoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydro xy-4a,6a-dimethyl-2-oxo-

2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Pentanoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Acetic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Benzoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Methyl carbonate (Methyl formate) 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester);

S-methyl carbonothioate (or S-methyl methanethioate) 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

3-Methylbutanoic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Pivalic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

2-Phenylacetic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-

2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Furan-2-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Cyclopentane-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Cyclopropane-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Isonicotinic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Isobutyl methyl carbonate 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Hexyl carbonate 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester);

Dimethyl 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-

tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl carbamate;

Methyl 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl carbamate;

Piperazine-1-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Thiazolidine-4-carboxylic acid 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Proline, 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4^a,6^a-dimethyl-2-oxo-2,4a,4b,5,6,6^a,8,9,9^a,10,10^a,10b,11,12—tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

Piperidine-4-carboxylic acid, 2-[(4aS,4bR,5S,6aS,6bR,9aS,10aS,10bS,12S)-8-(4-chloro-phenyl)-4b,12-difluoro-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,8,9,9a,10,10a,10b,11,12-tetradecahydro-7-oxa-8-aza-pentaleno[2,1-a]phenanthren-6b-yl]-2-oxo-ethyl ester;

or pharmaceutically acceptable salts thereof.

5. A pharmaceutical composition comprising a compound as defined in anyone of the claims 1 to 4, together with one or more pharmaceutically acceptable carriers and/or excipients.

6. A combination of a compound as defined in anyone of the claims 1 to 4 with one or more active ingredients selected from the classes of beta2-agonists, antimuscarinic agents, mitogen-activated protein kinases (P38 MAP kinase) inhibitors, nuclear factor kappa-B kinase subunit beta (IKK2) inhibitors, human neutrophil elastase (HNE) inhibitors, phosphodiesterase 4 (PDE4) inhibitors, leukotriene modulators, non-steroidal

anti-inflammatory agents (NSAIDs), antitussive agents, mucus regulators, mucolytics, expectorant/mucokinetic modulators, peptide mucolytics, antibiotics, inhibitors of JAK, SYK inhibitors, inhibitors of PI3Kdelta or PI3Kgamma, M3-antagonists/beta2-agonists (MABA) and M3-antagonists/PDE4-inhibitors (MAPI).

7. A compound as defined in anyone of claims 1 to 4, for use as a medicament.

8. A compound as defined in anyone of claims 1 to 4, for use in the prevention and/or treatment of any disease wherein the decrease in the number, activity and movement of inflammatory cells is involved.

9. A compound as defined in anyone of claims 1 to 5, for use in the prevention and/or treatment of a respiratory disease.

10. A compound as defined in anyone of claims 1 to 4, for use in the prevention and/or treatment of asthma and COPD.

11. Use of a compound as defined in any one of claims 1 to 4 in the manufacture of a medicament for the prevention and/or treatment of any disease wherein the decrease in the number, activity and movement of inflammatory cells is involved.

12. Use of a compound as defined in any one of claims 1 to 5 in the manufacture of a medicament for the prevention and/or treatment of a respiratory disease.

13. Use of a compound as defined in any one of claims 1 to 4 in the manufacture of a medicament for the prevention and/or treatment of asthma and COPD.

14~~11~~. A device comprising the pharmaceutical composition according to claim 5, which may be a single- or multi-dose dry powder inhaler, a metered dose inhaler or soft mist nebulizer.