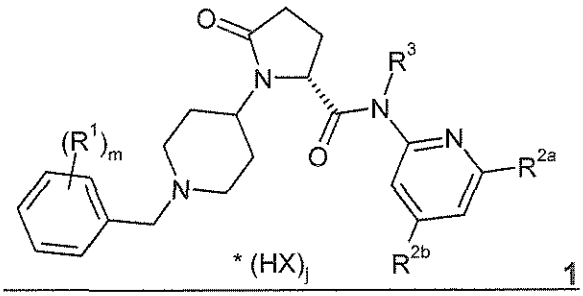
development to manufacture a medicament as above described e.g. a sufficient stability, a controllable deliquescence, a solubility high enough to be useful as a medicament, a solid state useful for standard manufacturing processes or a sufficiently defined crystal form.

SUMMARY

In a first aspect, there is provided co-crystals of compounds of formula 1



1

wherein

R^1 is C_{1-6}-alkyl, C_{1-6}-haloalkyl, O-C_{1-6}-haloalkyl, halogene;

m is 1, 2 or 3;

R^{2a} and R^{2b} are each independently selected from H, C_{1-6}-alkyl, C_{1-6}-alkenyl, C_{1-6}-alkynyl, C_{3-6}-cycloalkyl, COO-C_{1-6}-alkyl, O-C_{1-6}-alkyl, $CONR^{2b.1}R^{2b.2}$, halogene;

$R^{2b.1}$ is H, C_{1-6}-alkyl, C_{0-4}-alkyl-C_{3-6}-cycloalkyl, C_{1-6}-haloalkyl;

$R^{2b.2}$ is H, C_{1-6}-alkyl;

or $R^{2b.1}$ and $R^{2b.2}$ are together a C_{3-6}-alkylene group forming with the nitrogen atom a heterocyclic ring, wherein optionally one carbon atom or the ring is replaced by an oxygen atom

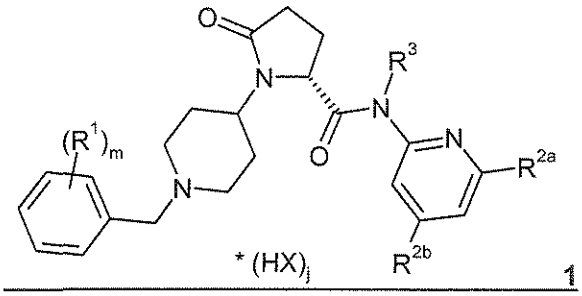
R^3 is H, C_{1-6}-alkyl;

X is an anion selected from the group consisting of chloride, bromide, iodide, sulphate, phosphate, methanesulphonate, nitrate, maleate, acetate, benzoate, citrate, salicylate, fumarate, tartrate, dibenzoyltartrate, oxalate, succinate, and p-toluenesulphonate;

j is 0, 0.5, 1, 1.5 or 2;

with a co-crystal former selected from the group consisting of orotic acid, hippuric acid, L-pyroglutamic acid, D-pyroglutamic acid, nicotinic acid, L-(+)-ascorbic acid, saccharin, piperazine, 3-hydroxy-2-naphtoic acid, mucic (galactaric) acid, pamoic (embonic) acid, stearic acid, cholic acid, deoxycholic acid, nicotinamide, isonicotinamide, succinamide, uracil, L-lysine, L-proline, D-valine, L-arginine, glycine.

In a second aspect, there is provided salts of compounds of formula 1,



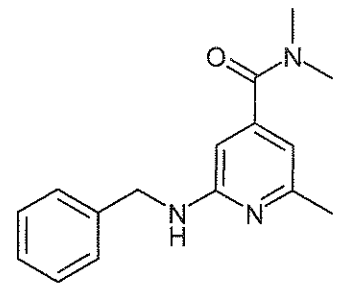
1

wherein R^1, m, R^{2a}, R^{2b}, R^3 are defined as above and

X is an anion selected from the group consisting of chloride, bromide, iodide, sulphate, phosphate, methanesulphonate, nitrate, maleate, acetate, benzoate, citrate, salicylate, fumarate, tartrate, dibenzoyltartrate, oxalate, succinate, and p-toluenesulphonate;

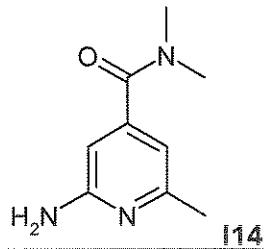
j is 0.5, 1, 1.5 or 2.

In a third aspect, there is provided a compound of formula **I13**



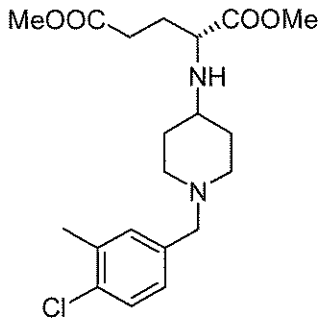
I13

In a fourth aspect, there is provided a compound of formula **I14**



I14

In a fifth aspect, there is provided a compound of formula **I3'-Me**



I3'-Me

In a sixth aspect, there is provided a pharmaceutical composition comprising at least one co-crystal or salt of a compound of formula 1 as defined above and a pharmaceutically acceptable carrier.

In a seventh aspect, there is provided a co-crystal or salt of a compound of formula 1, as defined above, as a medicament.

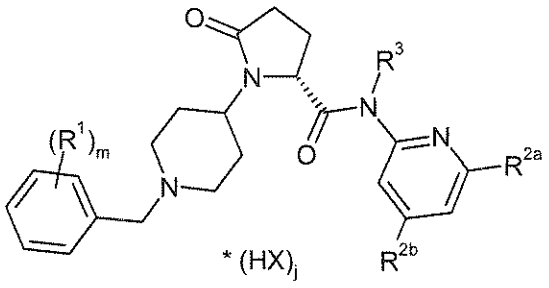
In an eighth aspect, there is provided the use of a co-crystal or salt of a compound of formula 1, as defined above, for the manufacture of a medicament for the prevention or treatment of a wide variety of inflammatory, infectious, and immunoregulatory disorders and diseases, including asthma and allergic diseases, chronic obstructive pulmonary disease, infection by pathogenic microbes (including viruses), autoimmune pathologies such as the rheumatoid arthritis and atherosclerosis as well as age-related macular degeneration (AMD), diabetic retinopathy and diabetic macular edema.

In a ninth aspect, there is provided a co-crystal or salt of a compound of formula 1, as defined above, for use in the prevention or treatment of a wide variety of inflammatory, infectious, and immunoregulatory disorders and diseases, including asthma and allergic

diseases, chronic obstructive pulmonary disease, infection by pathogenic microbes (including viruses), autoimmune pathologies such as the rheumatoid arthritis and atherosclerosis as well as age-related macular degeneration (AMD), diabetic retinopathy and diabetic macular edema.

DESCRIPTION OF THE INVENTION

Subject matter of the instant invention is co-crystals of compounds of formula **1**



1

wherein

R^1 is C_{1-6}-alkyl, C_{1-6}-haloalkyl, O-C_{1-6}-haloalkyl, halogene;

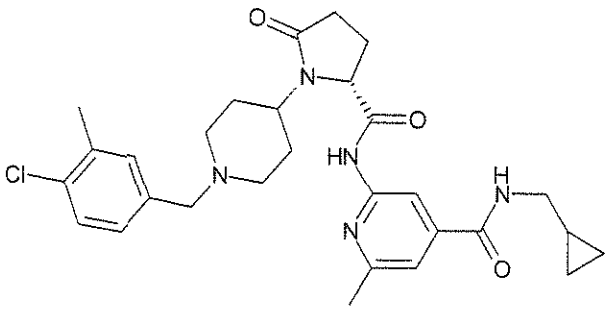
m is 1, 2 or 3; preferably 1 or 2;

R^{2a} and R^{2b} are each independently selected from H, C_{1-6}-alkyl, C_{1-6}-alkenyl, C_{1-6}-alkynyl, C_{3-6}-cycloalkyl, COO-C_{1-6}-alkyl, O-C_{1-6}-alkyl, $CONR^{2b.1}R^{2b.2}$, halogene;

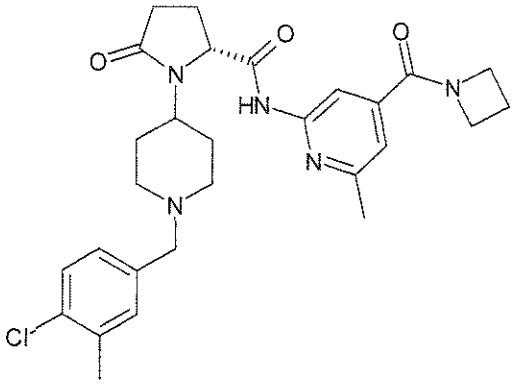
$R^{2b.1}$ is H, C_{1-6}-alkyl, C_{0-4}-alkyl-C_{3-6}-cycloalkyl, C_{1-6}-haloalkyl;

$R^{2b.2}$ is H, C_{1-6}-alkyl;

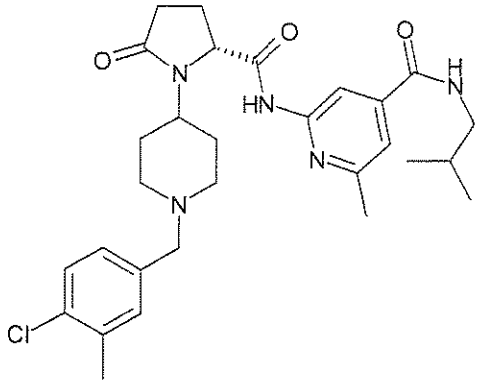
or $R^{2b.1}$ and $R^{2b.2}$ are together a C_{3-6}-alkylene group forming with the nitrogen atom a heterocyclic ring, wherein optionally one carbon atom or the ring is replaced by an oxygen atom



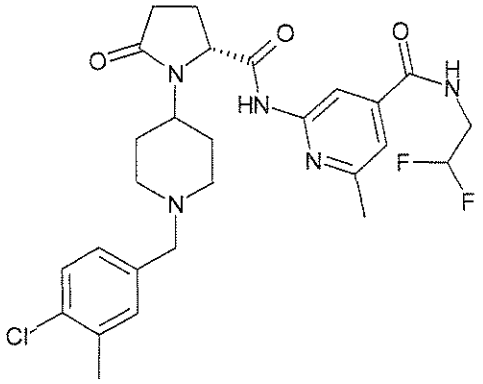
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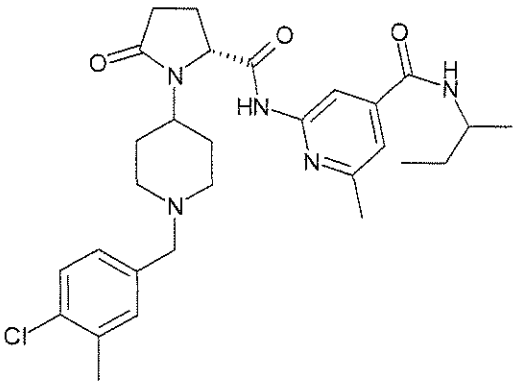
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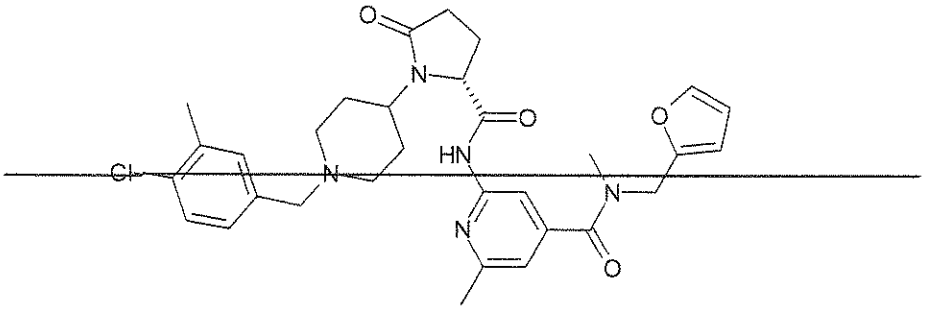
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