

6,7-DIHYDRO-5H-BENZO[7]ANNULENE DERIVATIVES AS ESTROGEN RECEPTOR MODULATORS

The present invention relates to novel substituted 6,7-dihydro-5H-benzo[7]annulene compounds, the processes for their preparation, as well as the therapeutic uses thereof, in particular as anticancer agents via selective antagonism and degradation of estrogen receptors.

The Estrogen Receptors (ER) belong to the steroid/nuclear receptor superfamily involved in the regulation of eukaryotic gene expression, cellular proliferation and differentiation in target tissues. ERs are in two forms: the estrogen receptor alpha (ER α) and the estrogen receptor beta (ER β) respectively encoded by the ESR1 and the ESR2 genes. ER α and ER β are ligand-activated transcription factors which are activated by the hormone estrogen (the most potent estrogen produced in the body is 17 β -estradiol). In the absence of hormone, ERs are largely located in the cytosol of the cell. When the hormone estrogen binds to ERs, ERs migrate from the cytosol to the nucleus of the cell, form dimers and then bind to specific genomic sequences called Estrogen Response Elements (ERE). The DNA/ER complex interacts with co-regulators to modulate the transcription of target genes.

ER α is mainly expressed in reproductive tissues such as uterus, ovary, breast, bone and white adipose tissue. Abnormal ER α signaling leads to development of a variety of diseases, such as cancers, metabolic and cardiovascular diseases, neurodegenerative diseases, inflammation diseases and osteoporosis.

ER α is expressed in not more than 10% of normal breast epithelium but approximately 50-80% of breast tumors. Such breast tumors with high level of ER α are classified as ER α -positive breast tumors. The etiological role of estrogen in breast cancer is well established and modulation of ER α signaling remains the mainstay of breast cancer treatment for the majority ER α -positive breast tumors. Currently, several strategies for inhibiting the estrogen axis in breast cancer exist, including: 1- blocking estrogen synthesis by aromatase inhibitors that are used to treat early and advanced ER α -positive breast cancer patients; 2- antagonizing estrogen ligand binding to ER α by tamoxifen which is used to treat ER α -positive breast cancer patients in both pre- and post-menopausal setting; 3- antagonizing and downregulating ER α levels by fulvestrant, which is used to treat breast cancer in patients that have progressed despite endocrine therapies such as tamoxifen or aromatase inhibitors.

Although these endocrine therapies have contributed enormously to reduction in breast cancer development, about more than one-third of ER α -positive patients display de-novo resistance or develop resistance over time to such existing therapies. Several

mechanisms have been described to explain resistance to such hormone therapies. For example, hypersensitivity of ER α to low estrogen level in treatment with aromatase inhibitors, the switch of tamoxifen effects from antagonist to agonist effects in tamoxifen treatments or multiple growth factor receptor signaling pathways. More recently, acquired mutations in ER α occurring after initiation of hormone therapies may play a role in treatment failure and cancer progression. Certain mutations in ER α , particularly those identified in the Ligand Binding Domain (LBD), result in the ability to bind to DNA in the absence of ligand and confer hormone independence in cells harboring such mutant receptors.

Most of the endocrine therapy resistance mechanisms identified rely on ER α -dependent activity. One of the new strategies to counterforce such resistance is to shut down the ER α signaling by removing ER α from the tumor cells using Selective Estrogen Receptors degraders (SERDs). Clinical and preclinical data showed that a significant number of the resistance pathways can be circumvented by the use SERDs.

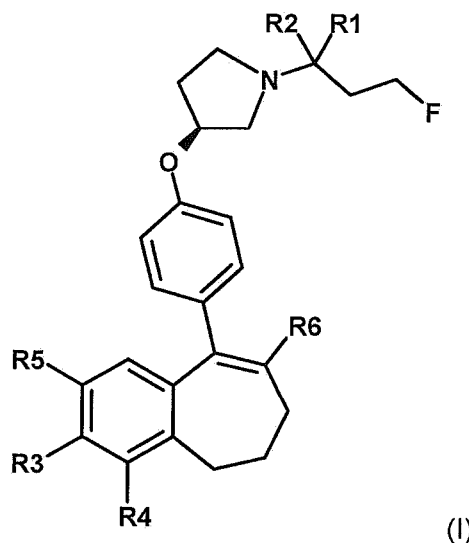
There is still a need to provide SERDs with good degradation efficacy.

G.M. Anstead *et al.* have described 2,3-diarylindenes and 2,3-diarylindenones as binders of estrogen receptors (Journal of Medicinal Chemistry, 1988, Vol. 31, No. 7, p. 1316-1326).

R. McCague *et al.* have described analogues of (Z)- and (E)-4-hydroxytamoxifen and have tested their binding affinities to estrogen receptors (Journal of Medicinal Chemistry, 1998, Vol. 31, No. 7, p. 1285-1290).

The objective of the present invention is to provide novel compounds able to selectively antagonize and degrade the estrogen receptors (SERDs compounds), for use in cancer treatment.

The present invention relates to the compounds of the formula (I):



wherein:

- R1 and R2 represent independently a hydrogen atom or a deuterium atom;
- R3 represents a hydrogen atom, a -COOH group, a -OH group or a -OPO(OH)₂ group;
- 5 - R4 represents a hydrogen atom or a fluorine atom;
- R5 represents a hydrogen atom or a -OH group;
- wherein:
 - o at least one of R3 or R5 is different from a hydrogen atom;
 - o when R3 represents a -COOH group, a -OH group or a -OPO(OH)₂ group,
 - 10 o then R5 represents a hydrogen atom;
 - o when R5 represents a -OH group, then R3 and R4 represent hydrogen atoms;
- R6 is selected from:
 - a phenyl group or a heteroaryl group comprising 3 to 9 carbon
 - 15 atoms and comprising from 1 to 3 heteroatoms independently selected from oxygen, nitrogen and sulphur, said phenyl and heteroaryl groups being unsubstituted or substituted with 1 to 3 substituents independently selected from:
 - a (C₁-C₆)-alkyl group unsubstituted or substituted with one or more (such as 1, 2 or
 - 3) fluorine atoms; a halogen atom; a -OH group; a (C₁-C₆)-alkoxy group
 - 20 unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a cyano group; a sulphur group substituted with 5 fluorine atoms or (C₁-C₆)-alkyl groups substituted with two or more (such as 2 or 3) fluorine atoms; a sulfonyl-(C₁-C₆)-alkyl group wherein said (C₁-C₆)-alkyl group are unsubstituted or substituted
 - 25 with two or more (such as 2 or 3) fluorine atoms; a silane group substituted with 3 (C₁-C₆)-alkyl groups; an amine group unsubstituted or substituted with one or more (such as 1 or 2) (C₁-C₆)-alkyl groups; an amide group unsubstituted or substituted with one or more (such as 1 or 2) (C₁-C₆)-alkyl groups; a heterocycloalkyl group saturated or partially saturated, comprising 3 to 5 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur; or a
 - 30 heteroaryl group comprising 2 to 4 carbon atoms and comprising 1 to 3 heteroatoms selected from oxygen, nitrogen or sulphur and being unsubstituted or substituted with an oxo group;
 - a cycloalkyl group or a heterocycloalkyl group comprising 4 to 9 carbon atoms and comprising 1 or 2 heteroatoms independently selected from
 - 35 oxygen, nitrogen or sulphur, said cycloalkyl or heterocycloalkyl groups being

saturated or partially saturated and being unsubstituted or substituted with 1 to 4 substituents independently selected from:

a fluorine atom; a -OH group; a (C₁-C₆)-alkyl group; a -COOR⁷ group wherein R⁷ is a (C₁-C₆)-alkyl group; or an oxo group.

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The compounds of formula (I) contain one or more asymmetric carbon atoms, more particularly one asymmetric carbon atom on the pyrrolidiny group. They may therefore exist in the form of enantiomers. These enantiomers form part of the invention. In particular, the carbon 3 of the pyrrolidiny group linked to the oxygen atom of the formula (I) may be in the absolute configuration (R) or (S). The carbon 3 of the pyrrolidiny group is advantageously in the absolute configuration (S).

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The compounds of formula (I) may be present as well under tautomer forms and are part of the invention.

The compounds of formula (I) may exist in the form of bases, acids, zwitterion or of addition salts with acids or bases. Such addition salts, bases, acids and zwitterion form part of the invention. Hence, the invention relates, *inter alia*, to the compounds of formula (I) or to pharmaceutically acceptable salts thereof.

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These salts may be prepared with pharmaceutically acceptable acids or bases, although the salts of other acids or bases useful, for example, for purifying or isolating the compounds of formula (I) also form part of the invention.

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In the context of the present invention, the terms below have the following definitions unless otherwise mentioned throughout the instant specification:

- a halogen atom: a fluorine, a chlorine, a bromine or an iodine atom;

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- an oxo: a “=O” group;

- a cyano group: a “-C≡N” group;

- an amine group: a nitrogen atom unsubstituted or substituted with one or more (C₁-C₆)-alkyl groups;

- an amide group: a -C(O)NH₂ group wherein the nitrogen atom can be unsubstituted or substituted with one or more (C₁-C₆)-alkyl groups;

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- a silane group: a silicon atom substituted with 3 (C₁-C₆)-alkyl groups;

- an alkyl group: a linear or branched saturated hydrocarbon-based aliphatic group comprising, unless otherwise mentioned, from 1 to 6 carbon atoms (noted “(C₁-C₆)-alkyl”).

By way of examples, mention may be made of, but not limited to: methyl, ethyl, propyl, n-propyl, isopropyl, butyl, isobutyl, sec-butyl, tert-butyl, pentyl, isopentyl, hexyl and isohexyl groups, and the like;

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- an alkoxy group: an -O-alkyl group where the alkyl group is as previously defined. By way of examples, mention may be made of, but not limited to: methoxy, ethoxy, propoxy, isopropoxy, linear, secondary or tertiary butoxy, isobutoxy, pentoxy or hexoxy groups, and the like;

5 - a cycloalkyl group: a cyclic alkyl group comprising, unless otherwise mentioned, from 3 to 6 carbon atoms, saturated or partially unsaturated and unsubstituted or substituted. By way of examples, mention may be made of, but not limited to: cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclohexen groups, and the like;

10 - a heterocycloalkyl group: a cyclic alkyl group comprising, unless otherwise mentioned, from 3 to 6 carbon atoms and containing 1 or 2 heteroatoms such as oxygen, nitrogen or sulphur. Such nitrogen atom may be substituted by an oxygen atom in order to form a -N-O bond. Such -N-O bond can be in a form of a N-oxide ($-N^+-O^-$). Such heterocycloalkyl group may be saturated or partially saturated and unsubstituted or substituted and may be monocyclic or bicyclic.

15 By way of examples of monocyclic heterocycloalkyl groups, mention may be made of, but not limited to: tetrahydropyridinyl, dihydropyridinyl, dihydropyran, tetrahydropyran groups, and the like.

A bicyclic heterocycloalkyl group means: a phenyl group fused to a monocyclic heterocycloalkyl group as defined above. By way of examples of bicyclic heterocycloalkyl groups, mention may be made of, but not limited to: tetrahydroquinolinyl, indolinyl, benzodioxolyl, dihydrobenzodioxinyl, dihydrobenzoxazinyl, benzofuranyl groups, all optionally substituted as above indicated, and the like.

25 - A heteroaryl group: a cyclic aromatic group containing between 4 and 9 carbon atoms and containing between 1 and 3 heteroatoms, such as nitrogen, oxygen or sulphur. Such nitrogen atom may be substituted by an oxygen atom in order to form a -N-O bond. Such -N-O bond can be in a form of a N-oxide ($-N^+-O^-$). Said heteroaryl group may be monocyclic or bicyclic. By way of examples of heteroaryl groups, mention may be made of, but not limited to: isoxazole, pyridine, pyrimidine, benzotriazole, benzoxazole, pyrrolo[2,3-b]pyridine, benzimidazole, benzoxadiazole, benzothiazole, benzothiadiazole, benzofuran, indole, quinolyl, indazole, benzisoxazole, benzisothiazole groups and the like;

30 - A zwitterion: a globally neutral molecule with a positive and a negative electrical charge and having an acid group and a basic group. By way of examples, mention may be made of, but not limited to compounds of the present inventions having R₃ which represents a -COOH group or an -OPO(OH)₂ group.

In an embodiment, in the compounds of formula (I), R1 and R2 represent hydrogen atoms.

In another embodiment, in the compounds of formula (I), R1 and R2 represent deuterium atoms.

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In another embodiment, in the compounds of formula (I), R3 represents a hydrogen atom.

In another embodiment, in the compounds of formula (I), R3 represents a -COOH group.

10 In another embodiment, in the compounds of formula (I), R3 represents a -OH group.

In another embodiment, in the compound of formula (I), R3 represents a -COOH group or a -OH group.

In another embodiment, in the compounds of formula (I), R3 represents a -OPO(OH)₂ group.

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In another embodiment, in the compounds of formula (I), R4 represents a hydrogen atom.

In another embodiment, in the compounds of formula (I), R4 represents a fluorine atom.

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In another embodiment, in the compounds of formula (I), R5 represents a hydrogen atom.

In another embodiment, in the compounds of formula (I), R5 represents a -OH group.

25 In another embodiment, in the compounds of formula (I) R6 is selected from a phenyl group unsubstituted or substituted with 1 to 3 substituents independently selected from: a (C₁-C₆)-alkyl group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a halogen atom; a -OH group; a (C₁-C₆)-alkoxy group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a cyano group; a sulphur group substituted with 5 fluorine atoms or (C₁-C₆)-alkyl groups substituted with two or more (such as 2 or 3) fluorine atoms; a sulfonyl-(C₁-C₆)-alkyl group wherein said (C₁-C₆)-alkyl group are unsubstituted or substituted with two or more (such as 2 or 3) fluorine atoms; a silane group substituted with 3 (C₁-C₆)-alkyl groups; an amine group unsubstituted or substituted with one or more (such as 1 or 2) (C₁-C₆)-alkyl groups; an amide group unsubstituted or substituted with one or more (such as 1 or 2) (C₁-C₆)-alkyl groups; a heterocycloalkyl group saturated or partially saturated, comprising 3 to 5 carbon

atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur; or a heteroaryl group comprising 2 to 4 carbon atoms and comprising 1 to 3 heteroatoms selected from oxygen, nitrogen or sulphur and being unsubstituted or substituted with an oxo group.

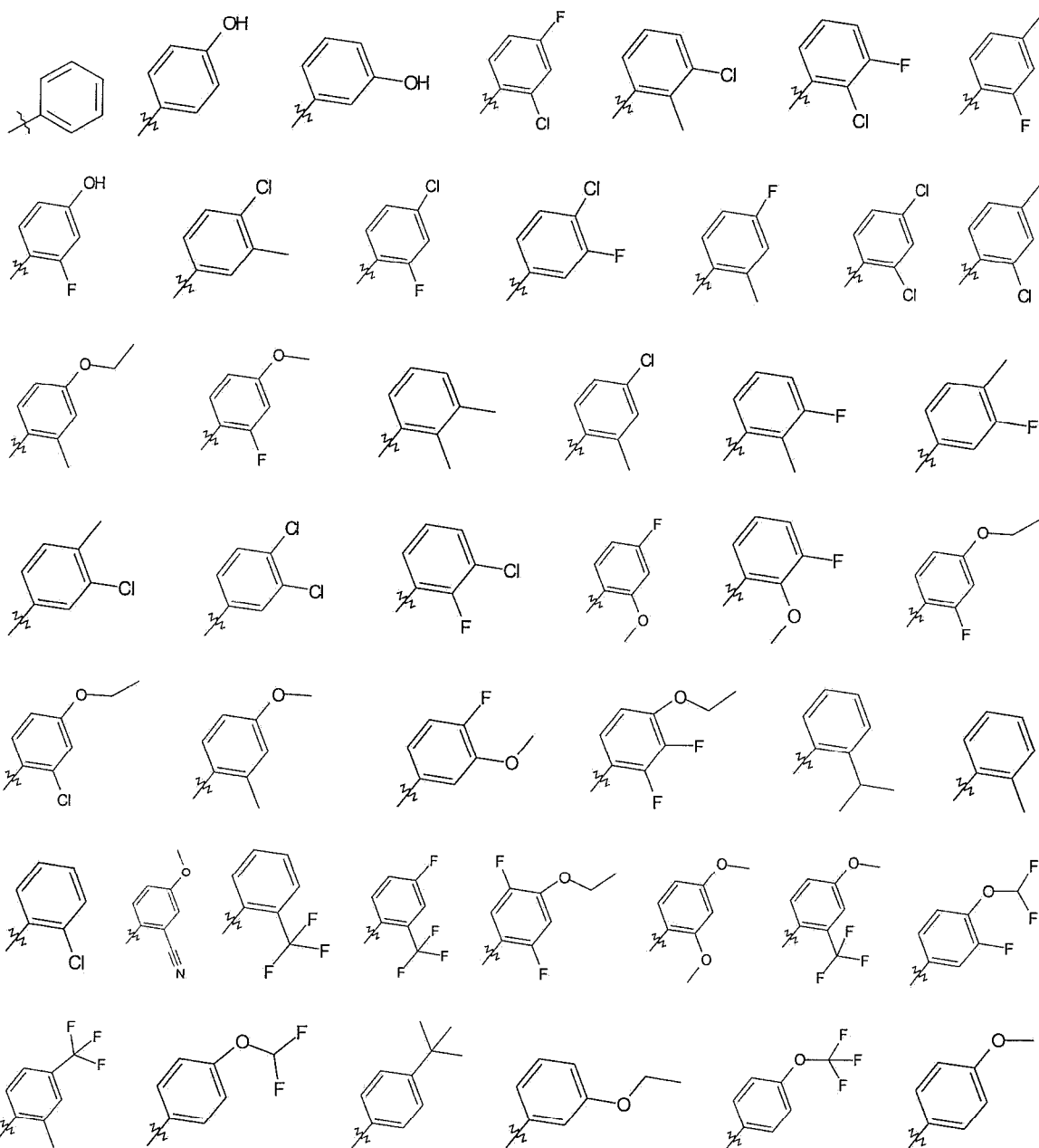
5 In another embodiment, in the compounds of formula (I), R6 is selected from a phenyl group unsubstituted or substituted with 1 to 3 substituents independently selected from: a (C₁-C₆)-alkyl group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a halogen atom; a -OH group; a (C₁-C₆)-alkoxy group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a cyano group; a sulphur
10 group substituted with 5 fluorine atoms or (C₁-C₆)-alkyl groups substituted with two or more (such as 2 or 3) fluorine atoms; a sulfonyl-(C₁-C₆)-alkyl group wherein said (C₁-C₆)-alkyl group are unsubstituted or substituted with two or more (such as 2 or 3) fluorine atoms; a silane group substituted with 3 (C₁-C₆)-alkyl groups; an amide group unsubstituted or substituted with one or more (such as 1 or 2) (C₁-C₆)-alkyl groups; a
15 heterocycloalkyl group saturated or partially saturated, comprising 3 to 5 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, or a heteroaryl group comprising 2 to 4 carbon atoms and comprising 1 to 3 heteroatoms selected from oxygen, nitrogen or sulphur and being unsubstituted or substituted with an oxo group.

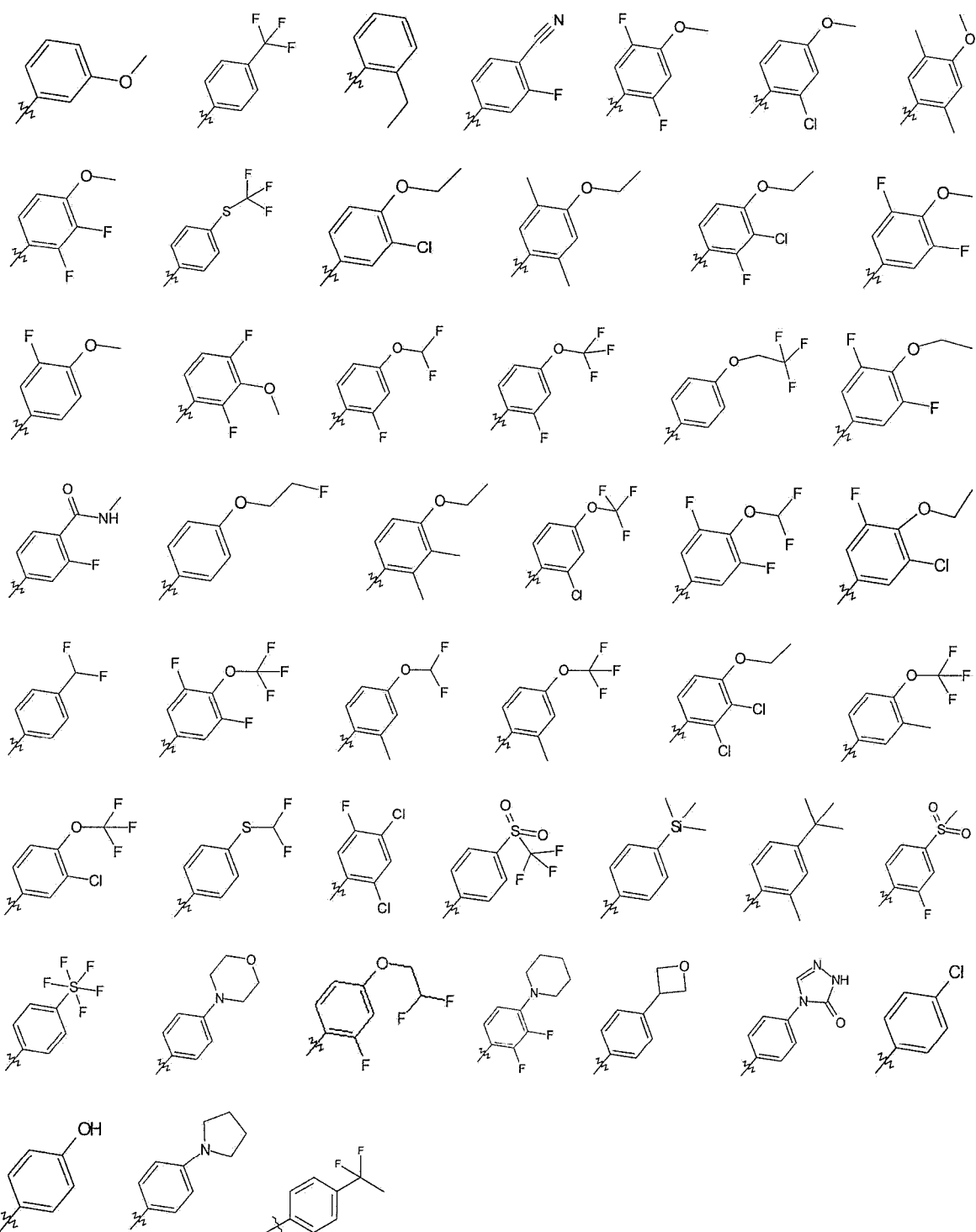
20 In another embodiment, in the compounds of formula (I), R6 is selected from a phenyl group unsubstituted or substituted with 1 to 3 substituents independently selected from: a (C₁-C₃)-alkyl group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a halogen atom; a -OH group; a (C₁-C₃)-alkoxy group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a cyano group; a sulphur
25 group substituted with 5 fluorine atoms or (C₁-C₃)-alkyl groups substituted with two or more (such as 2 or 3) fluorine atoms; a sulfonyl-(C₁-C₃)-alkyl group wherein said (C₁-C₃)-alkyl group are unsubstituted or substituted with two or more (such as 2 or 3) fluorine atoms; a silane group substituted with 3 (C₁-C₃)-alkyl groups; an amide group unsubstituted or substituted with one or more (such as 1 or 2) (C₁-C₃)-alkyl groups; a
30 heterocycloalkyl group saturated or partially saturated, comprising 3 to 5 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, or a heteroaryl group comprising 2 to 4 carbon atoms and comprising 1 to 3 heteroatoms selected from oxygen, nitrogen or sulphur and being unsubstituted or substituted with an oxo group.

35 In another embodiment, in the compounds of formula (I), R6 is selected from a phenyl group unsubstituted or substituted with 1 to 3 substituents independently selected

from: a methyl group; an ethyl group; an isopropyl group; a tert-butyl group; a $-\text{CHF}_2$ group; a $-\text{CF}_3$ group; a $-\text{CF}_2\text{CH}_3$ group; a chlorine atom; a fluorine atom; a $-\text{OH}$ group; a $-\text{OCH}_3$ group; a $-\text{OCH}_2\text{CH}_3$ group; a $-\text{OCH}_2\text{CH}_2\text{F}$ group; a $-\text{OCHF}_2$ group; a $-\text{OCH}_2\text{CHF}_2$ group; a $-\text{OCF}_3$ group; a $-\text{OCH}_2\text{CF}_3$ group; a cyano group; a $-\text{SCHF}_2$ group; a $-\text{SCF}_3$ group; a $-\text{SF}_5$ group; a $-\text{SO}_2\text{CH}_3$ group; a $-\text{SO}_2\text{CF}_3$ group; a $-\text{Si}(\text{CH}_3)_3$ group; an oxetan group; a piperidine group; a morpholine group; a pyrrolidine group or a triazolone group.

In another embodiment, in the compounds of formula (I), R_6 is selected from an unsubstituted or substituted phenyl group selected from the following list:





In another embodiment, in the compounds of formula (I), R6 is selected from a heteroaryl group comprising 3 to 9 carbon atoms and comprising from 1 to 3 heteroatoms independently selected from oxygen, nitrogen and sulphur, said heteroaryl group being unsubstituted or substituted with 1 to 3 substituents independently selected from: a (C₁-C₆)-alkyl group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine

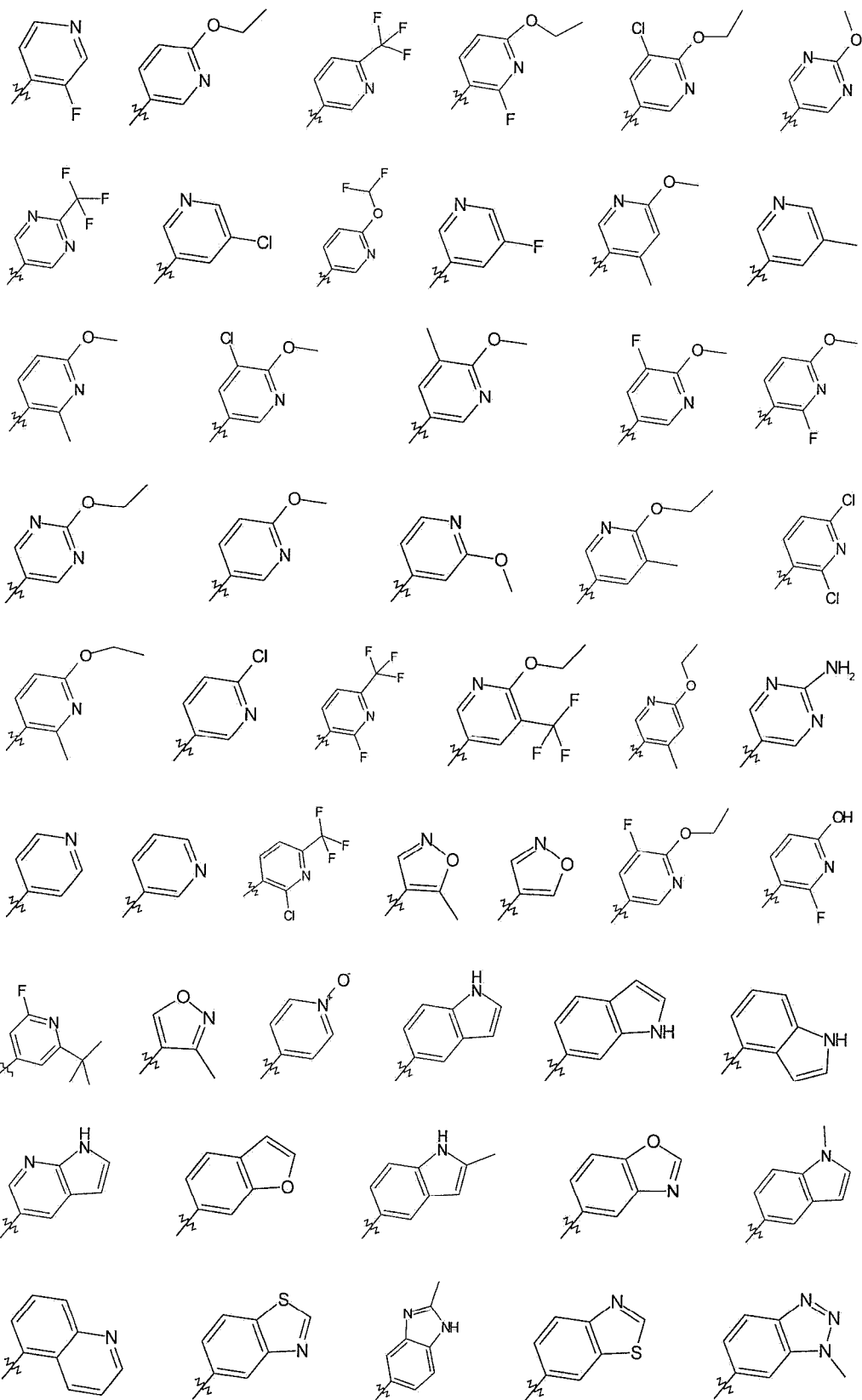
atoms; a halogen atom; a -OH group; a N-oxide ($-N^+-O^-$), a (C_1-C_6)-alkoxy group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a cyano group; a sulphur group substituted with 5 fluorine atoms or (C_1-C_6)-alkyl groups substituted with two or more (such as 2 or 3) fluorine atoms; a sulfonyl-(C_1-C_6)-alkyl group
 5 wherein said (C_1-C_6)-alkyl group being unsubstituted or substituted with two or more (such as 2 or 3) fluorine atoms; a silane group substituted with 3 (C_1-C_6)-alkyl groups; an amine group unsubstituted or substituted with one or more (such as 1 or 2) (C_1-C_6)-alkyl groups; an amide group unsubstituted or substituted with one or more (such as 1 or 2) (C_1-C_6)-alkyl groups; a heterocycloalkyl group saturated or partially saturated, comprising 3 to 5
 10 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur; or a heteroaryl group comprising 2 to 4 carbon atoms and comprising 1 to 3 heteroatoms selected from oxygen, nitrogen or sulphur and being unsubstituted or substituted with an oxo group.

In another embodiment, in the compounds of formula (I), R6 is selected from a
 15 heteroaryl group comprising 3 to 9 carbon atoms and comprising from 1 to 3 heteroatoms independently selected from oxygen, nitrogen and sulphur, said heteroaryl group being unsubstituted or substituted with 1 to 3 substituents independently selected from: a (C_1-C_6)-alkyl group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a halogen atom; a -OH group; a (C_1-C_6)-alkoxy group unsubstituted or substituted
 20 with one or more (such as 1, 2 or 3) fluorine atoms or an amine group unsubstituted or substituted with one or more (such as 1 or 2) (C_1-C_6)-alkyl groups.

In another embodiment, the compounds of formula (I), R6 is selected from a heteroaryl group comprising 3 to 9 carbon atoms and comprising from 1 to 3 heteroatoms independently selected from oxygen, nitrogen and sulphur, said heteroaryl group being
 25 unsubstituted or substituted with 1 to 3 substituents independently selected from: a (C_1-C_3)-alkyl group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms; a halogen atom; a -OH group; a (C_1-C_3)-alkoxy group unsubstituted or substituted with one or more (such as 1, 2 or 3) fluorine atoms or an amine group unsubstituted or substituted with one or more (such as 1 or 2) (C_1-C_3)-alkyl groups.

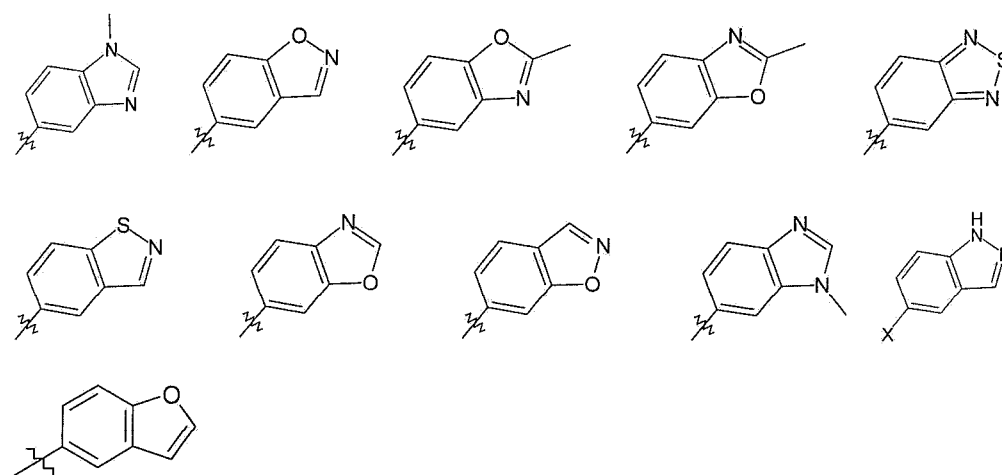
In another embodiment, in the compounds of formula (I), R6 is selected from a heteroaryl group comprising 3 to 9 carbon atoms and comprising from 1 to 3 heteroatoms independently selected from oxygen, nitrogen and sulphur, said heteroaryl group being
 30 unsubstituted or substituted with 1 to 3 substituents independently selected from: a methyl group; a $-CF_3$ group; a chlorine atom; a fluorine atom; a -OH group; a $-OCH_3$ group; a $-OCH_2CH_3$ group; a $-OCHF_2$ group or a $-NH_2$ group.

In another embodiment, in the compounds of formula (I), R6 is selected from an unsubstituted or substituted heteroaryl group selected from the following list:



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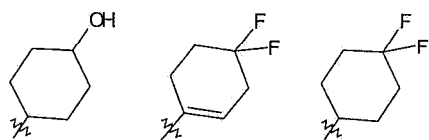


5 In another embodiment, in the compounds of formula (I), R6 is selected from a (C₁-C₆)-cycloalkyl group saturated or partially saturated and unsubstituted or substituted with 1 or 2 substituents independently selected from: a fluorine atom; a -OH group; a (C₁-C₆)-alkyl group; a -COOR₇ group wherein R₇ is a (C₁-C₆)-alkyl group; or an oxo group.

10 In another embodiment, in the compounds of formula (I), R6 is selected from a (C₁-C₆)-cycloalkyl group saturated or partially saturated and unsubstituted or substituted with 1 or 2 substituents independently selected from: a fluorine atom; a -OH group; a (C₁-C₃)-alkyl group; a -COOR₇ group wherein R₇ is a (C₁-C₃)-alkyl group; or an oxo group.

15 In another embodiment, in the compounds of formula (I), R6 is selected from a (C₁-C₆)-cycloalkyl group saturated or partially saturated, unsubstituted or substituted with 1 or 2 substituents independently selected from: a fluorine atom or a -OH group.

In another embodiment, in the compounds of formula (I), R6 is selected from a substituted (C₁-C₆)-cycloalkyl group selected from the following list:



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In another embodiment, in the compounds of formula (I), R6 is selected from a heterocycloalkyl group comprising 4 to 9 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, said heterocycloalkyl group
25 being saturated or partially saturated and being unsubstituted or substituted with 1 to 4

substituents independently selected from: a fluorine atom; a -OH group; a (C₁-C₆)-alkyl group; a -COOR₇ group wherein R₇ is an (C₁-C₆)-alkyl group; or an oxo group.

In another embodiment, in the compounds of formula (I), R₆ is selected from:

5 - a monocyclic-(C₁-C₆)-heterocycloalkyl group comprising one heteroatom selected from oxygen, nitrogen or sulphur, said monocyclic heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 or 2 substituents independently selected from: a (C₁-C₆)-alkyl group or a -COOR₇ group wherein R₇ is an (C₁-C₆)-alkyl group or

10 - a bicyclic heterocycloalkyl group comprising 8 to 9 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, said bicyclic heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 to 4 substituents independently selected from: a fluorine atom; a (C₁-C₆)-alkyl group; a -COOR₇ group wherein R₇ is an (C₁-C₆)-alkyl group; or an oxo group.

15 In another embodiment, in the compounds of formula (I), R₆ is selected from:

- a monocyclic-(C₁-C₆)-heterocycloalkyl group comprising one heteroatom selected from oxygen, nitrogen or sulphur, said monocyclic heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 or 2 substituents independently selected from: a (C₁-C₃)-alkyl group or a -COOR₇ group wherein R₇ is an (C₁-C₄)-alkyl group or

20 - a bicyclic heterocycloalkyl group comprising 8 to 9 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, said bicyclic heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 to 4 substituents independently selected from: a fluorine atom; a (C₁-C₃)-alkyl group; a -COOR₇ group wherein R₇ is an (C₁-C₄)-alkyl group; or an oxo group.

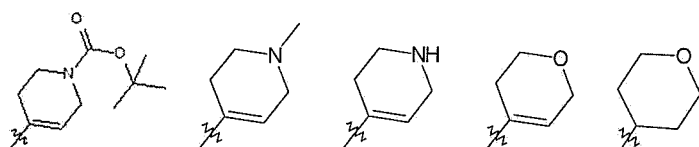
In another embodiment, in the compounds of formula (I), R₆ is selected from:

30 - a monocyclic (C₁-C₆)-heterocycloalkyl group comprising one heteroatom selected from oxygen, nitrogen or sulphur, said monocyclic heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 or 2 substituents independently selected from: a methyl group or a -COO-tert butyl group or

35 - a bicyclic heterocycloalkyl group comprising 8 to 9 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, said bicyclic heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 to 4 substituents independently selected from: a fluorine atom; a methyl group; an ethyl group; a -COO-tert butyl group; or an oxo group.

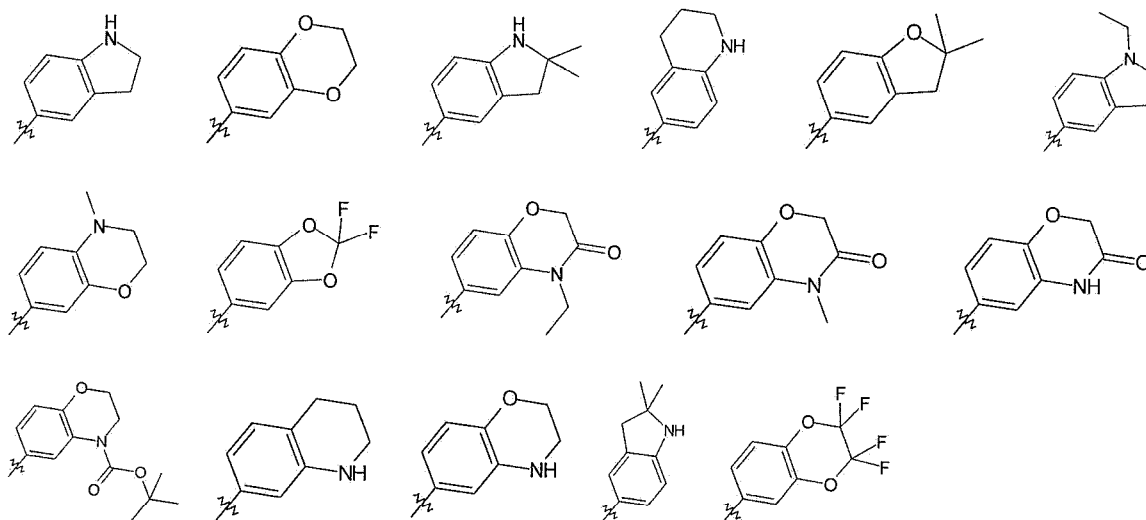
In another embodiment, in the compounds of formula (I), R6 is selected from a monocyclic (C₁-C₆)-heterocycloalkyl group comprising one heteroatom selected from oxygen, nitrogen or sulphur, said monocyclic (C₁-C₆)-heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 or 2 substituents independently selected from: a methyl group or a -COO-tert butyl group.

In another embodiment, in the compounds of formula (I), R6 is selected from an unsubstituted or substituted monocyclic (C₁-C₆)-heterocycloalkyl group selected from the following list:



In another embodiment, in the compounds of formula (I), R6 is selected from a bicyclic heterocycloalkyl group comprising 8 to 9 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, said bicyclic heterocycloalkyl group being saturated or partially saturated and being unsubstituted or substituted with 1 to 4 substituents independently selected from: a fluorine atom; a methyl group; an ethyl group; a -COO-tert butyl group or an oxo group.

In another embodiment, in the compounds of formula (I), R6 is selected from an unsubstituted or substituted bicyclic heterocycloalkyl group selected from the following list:



Any combination of the above-defined embodiments for R1, R2, R3, R4, R5 and R6 with each others does form part of the instant invention.

Among the compounds of formula (I) that are subject matter of the invention, mention may be made in particular of the following compounds:

- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-3-ol;
- 5 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-3-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-3-ol;
- 6-(2-chloro-4-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-3-ol;
- 10 - 6-(2-chloro-4-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 6-(3-chloro-2-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-chloro-3-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 20 - 6-(2-fluoro-4-hydroxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-chloro-3-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-fluoro-4-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 6-(4-chloro-2-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-chloro-3-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-(4-fluoro-2-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-indolin-5-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-pyrrolo[2,3-b]pyridin-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 6-(2-chloro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- tert-butyl 4-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-3,6-dihydro-2H-pyridine-1-carboxylate;
- 15 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-methyl-3,6-dihydro-2H-pyridin-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,6-tetrahydropyridin-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-ethoxy-2-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 20 - 6-(benzofuran-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-fluoro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,3-dimethylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-chloro-2-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 6-(3-fluoro-2-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(6-ethoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-(3-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 5-[4-[(3S)-1-(1,1-dideuterio-3-fluoro-propyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-fluoro-4-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3-chloro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 6-(3,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3-chloro-2-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-fluoro-2-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 6-(3-fluoro-2-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-ethoxy-2-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 6-(2-chloro-4-ethoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 1-fluoro-6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 20 - 6-(4-ethoxy-2-methyl-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,4-dichlorophenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 6-(2,3-dihydro-1,4-benzodioxin-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-fluoro-3-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 6-(4-ethoxy-2,3-difluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-(4-chloro-3-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;

- 6-(1,3-benzoxazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 5 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-isopropylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(o-tolyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-chlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 2-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-5-methoxy-benzonitrile;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-fluoro-2-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-ethoxy-2,5-difluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2-methylphenyl)-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride;
- 20 - 6-(2,4-dimethoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-methoxy-2-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 6-[4-(difluoromethoxy)-3-fluoro-phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-methyl-4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[6-(trifluoromethyl)-3-pyridyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 6-[4-(difluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-(6-ethoxy-2-fluoro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 6-(4-tert-butylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,4-tetrahydroquinolin-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 6-(3-ethoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methoxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 6-[4-(difluoromethoxy)-3-fluoro-phenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(5-chloro-6-ethoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-ethylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 20 - 6-(6-ethoxy-2-fluoro-3-pyridyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methoxypyrimidin-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-(trifluoromethyl)pyrimidin-5-yl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 2-fluoro-4-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]benzonitrile;
- 6-(5-chloro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 6-[6-(difluoromethoxy)-3-pyridyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,5-difluoro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-(2-chloro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-fluoro-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-4-methyl-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2,5-dimethyl-phenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,3-difluoro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-
- 10 (trifluoromethylsulfanyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3-chloro-4-ethoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-methyl-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-2-methyl-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,2-dimethyl-3H-benzofuran-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(5-chloro-6-methoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-
- 20 yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-ethoxy-2,5-dimethyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-5-methyl-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol
- 25 - 6-(5-fluoro-6-methoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3-chloro-4-ethoxy-2-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-fluoro-6-methoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-
- 30 yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3,5-difluoro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(1-ethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-(2-ethoxypyrimidin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methoxy-4-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 6-(6-ethoxy-5-methyl-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3-fluoro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,4-difluoro-3-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 6-(4-chloro-3-methyl-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-fluoro-2-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[4-(difluoromethoxy)-2-fluoro-phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 20 - 6-(2,6-dichloro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(2,2,2-trifluoroethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 6-(4-ethoxy-3,5-difluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4-chloro-2-fluoro-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-chloro-3-fluoro-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-methyl-4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-(6-ethoxy-2-methyl-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-methylindol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(6-chloro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 2-fluoro-4-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-N-methyl-benzamide;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-6-(trifluoromethyl)-3-pyridyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[4-(2-fluoroethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 6-(4-ethoxy-2,3-dimethyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[6-ethoxy-5-(trifluoromethyl)-3-pyridyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methyl-2,3-dihydro-1,4-benzoxazin-7-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,2-difluoro-1,3-benzodioxol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 4-ethyl-6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-1,4-benzoxazin-3-one;
- 20 - 6-[2-chloro-4-(trifluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[4-(difluoromethoxy)-3,5-difluoro-phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 6-(4-tert-butylphenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(6-ethoxy-4-methyl-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3-chloro-4-ethoxy-5-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 6-(2-aminopyrimidin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[4-(difluoromethyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 6-[4-(difluoromethoxy)phenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 6-[3,5-difluoro-4-(trifluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[4-(difluoromethoxy)-2-methyl-phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-methyl-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-4-methyl-1,4-benzoxazin-3-one;
- 6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-4H-1,4-benzoxazin-3-one;
- 10 - 6-(2,3-dichloro-4-ethoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[3-methyl-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 6-[3-chloro-4-(trifluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-quinolyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 20 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[2-chloro-6-(trifluoromethyl)-3-pyridyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - tert-butyl 6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-2,3-dihydro-1,4-benzoxazine-4-carboxylate;
- 6-[4-(difluoromethylsulfanyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,4-tetrahydroquinolin-7-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethylsulfanyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 6-(2,4-dichloro-5-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- [5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-yl] dihydrogen phosphate;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-methylisoxazol-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[4-(difluoromethoxy)-2-fluoro-phenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethylsulfonyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(3,4-dihydro-2H-1,4-benzoxazin-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol hydrochloride;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-isoxazol-4-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(6-ethoxy-5-fluoro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-fluoro-5-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]pyridin-2-ol;
- 6-(6-tert-butyl-2-fluoro-4-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-trimethylsilylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride;
- 6-(1,3-benzothiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1H-benzimidazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethylsulfonyl)phenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 6-(1,3-benzothiazol-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methylbenzotriazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[2-chloro-4-(trifluoromethoxy)phenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 6-(4-tert-butyl-2-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-fluoro-4-methylsulfonyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methylisoxazol-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(pentafluoro-sulfanyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-morpholinophenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 6-[4-(2,2-difluoroethoxy)-2-fluoro-phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-methylbenzimidazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(1,2-benzoxazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 20 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-oxidopyridin-1-ium-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-pyrrolidin-1-ylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1,3-benzoxazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1,3-benzoxazol-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2,1,3-benzoxadiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 30 - 6-(2,1,3-benzothiadiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(oxetan-3-yl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 35 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2,2,3,3-tetrafluoro-1,4-benzodioxin-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;

- 6-(1,2-benzothiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[2,3-difluoro-4-(1-piperidyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5 - 6-(1,3-benzoxazol-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(1,2-benzoxazol-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-[4-(1,1-difluoroethyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 10 - 6-(3,6-dihydro-2H-pyran-4-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-tetrahydropyran-4-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 15 - 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxycyclohexyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methylbenzimidazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 4-[4-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]phenyl]-1H-1,2,4-triazol-5-one;
- 20 - 6-(4,4-difluorocyclohexen-1-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(4,4-difluorocyclohexyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 25 - 6-(4-chlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 6-(2-chlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 6-(2,4-dichlorophenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 30 - 6-(4-chloro-2-fluoro-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 6-(2-chloro-4-fluoro-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid;
- 35 - 9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy]phenyl]-8-phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol;

- 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol;
- 6-(2-chloro-3-fluoro-phenyl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid;
- 5 - 5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-6-phenyl-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid;
- 6-benzooxazol-5-yl-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid; and
- 6-[4-(1,1-difluoro-ethyl)-phenyl]-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid.
- 10

Another subject-matter of the instant invention is a compound selected from the above list, or a pharmaceutically acceptable salt thereof, for use in therapy, especially as an inhibitor and degrader of estrogen receptors.

- 15 Another subject-matter of the instant invention is a compound selected from the above list, or a pharmaceutically acceptable salt thereof, for use in the treatment of cancer, especially breast cancer.

Another subject-matter of the instant invention is a method of treating cancer, comprising administering to a subject in need thereof, in particular a human, a therapeutically effective amount of a compound selected from the above list, or a pharmaceutically acceptable salt thereof.

20

Another subject-matter of the instant invention is a pharmaceutical composition comprising as active principle an effective dose of a compound selected from the above list, or a pharmaceutically acceptable salt thereof, and also at least one pharmaceutically acceptable excipient.

25

In accordance with the invention, the compounds of the formula (I) can be prepared by the following processes.

The compounds of the formula (I) and other related compounds having different substituents are synthesized using techniques and materials described below or otherwise known by the skilled person in the art. In addition, solvents, temperatures and other reaction conditions presented below may vary as deemed appropriate to the skilled person in the art.

30

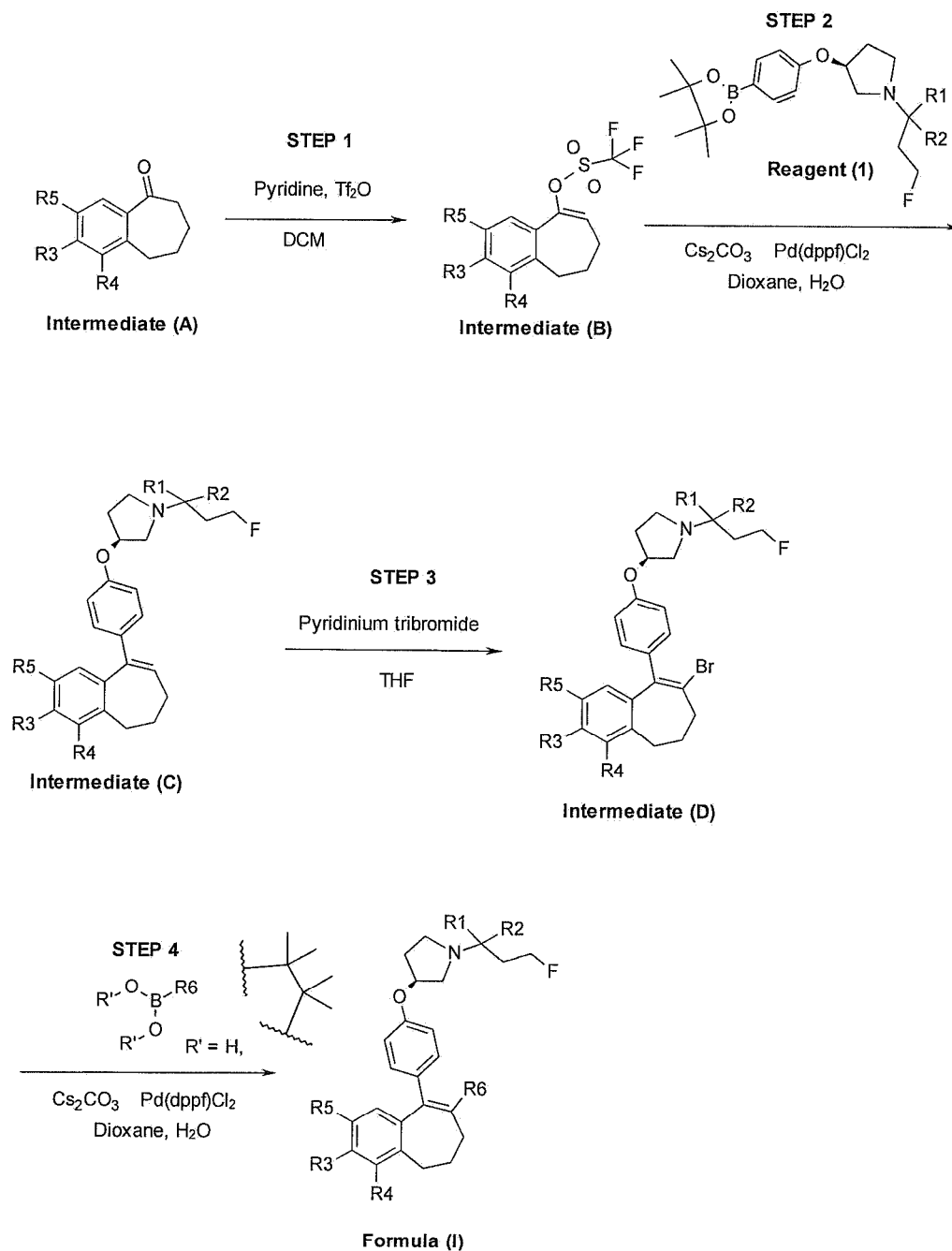
General below methods for the preparation of compounds of the invention are optionally modified by the use of appropriate reagents and conditions for the introduction of the various moieties found in the formula (I) as described below.

35

The following abbreviations and empirical formulae are used:

	AcOEt	ethyl acetate
	AlCl ₃	aluminium trichloride
	Boc	tert-butyloxycarbonyl
5	P(Ph) ₂ -(CH ₂) ₃ -P(Ph) ₂	1,3-bis(diphenylphosphino)propane
	Ph ₃ P=O	triphenylphosphine oxide
	Cs ₂ CO ₃	cesium carbonate
	CO	carbon monoxide
	DCM	dichloromethane
10	DMF	<i>N,N</i> -dimethylformamide
	DMSO	dimethyl sulfoxide
	EDCI	1-Ethyl-3-(3-dimethylaminopropyl)carbodiimide
	Et ₃ N	triethylamine
	EtOH	ethanol
15	Et ₂ O	diethyl ether
	Hal	halogen atom
	HCl	hydrogen chloride
	HPLC	high-performance liquid chromatography
	K ₂ CO ₃	potassium carbonate
20	LCMS	liquid chromatography/mass spectrometry
	LiAlD ₄	lithium aluminium deuteride
	Lutidine	2,6-dimethyl-pyridine
	MeOH	methanol
	MgSO ₄	magnesium sulfate
25	NaOH	sodium hydroxide
	NaCl	sodium chloride
	NaHCO ₃	sodium bicarbonate
	Na ₂ SO ₄	sodium sulfate
	NH ₄ H ₂ PO ₄	ammonium dihydrogen phosphate
30	NH ₄ Cl	ammonium chloride
	NH ₄ OH	ammonium hydroxide
	Pd(OAc) ₂	palladium acetate
	Pd(dppf)Cl ₂	1,1'-bis(diphenylphosphino)ferrocene]
		dichloropalladium(II)
35	Tf ₂ O	triflic anhydride
	THF	tetrahydrofuran

	°C	degrees Celsius
	RT	room temperature
	min	minute(s)
	mL	millilitre(s)
5	mmol	millimole(s)
	μmol	micromole(s)
	μM	micromolar
	nM	nanomolar
	ppm	parts per million
10	SCX	strong cation exchange
	HIC	hydrophobic interaction column

SCHEME 1: Preparation of compounds of the formula (I) – General process

According to SCHEME 1, in which R1, R2, R3, R4, R5 and R6 are defined as
 5 described above, a substituted 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene
 intermediate (A) is converted in STEP 1 into the corresponding enol triflate intermediate
 (B) by treatment for example with triflic anhydride (Tf₂O) in solution in dichloromethane
 (DCM) in the presence of a base, for example pyridine, at room temperature. This
 intermediate (B) is subjected in STEP 2 to a Suzuki coupling with reagent (1) ((S)-1-(3-
 10 fluoropropyl)-3-(4-(4,4,5,5-tetramethyl-1,3,2dioxaborolan-2-yl)phenoxy)pyrrolidine) using for

example [1,1'-bis(diphenylphosphino) ferrocene]dichloropalladium(II) (Pd(dppf)Cl_2), complex with DCM, as catalyst, in a mixture of dioxane and water and in the presence of a base, for example cesium carbonate (Cs_2CO_3), at room temperature or by heating up to reflux. The preparation of reagent (1) is described hereunder in SCHEME 2.

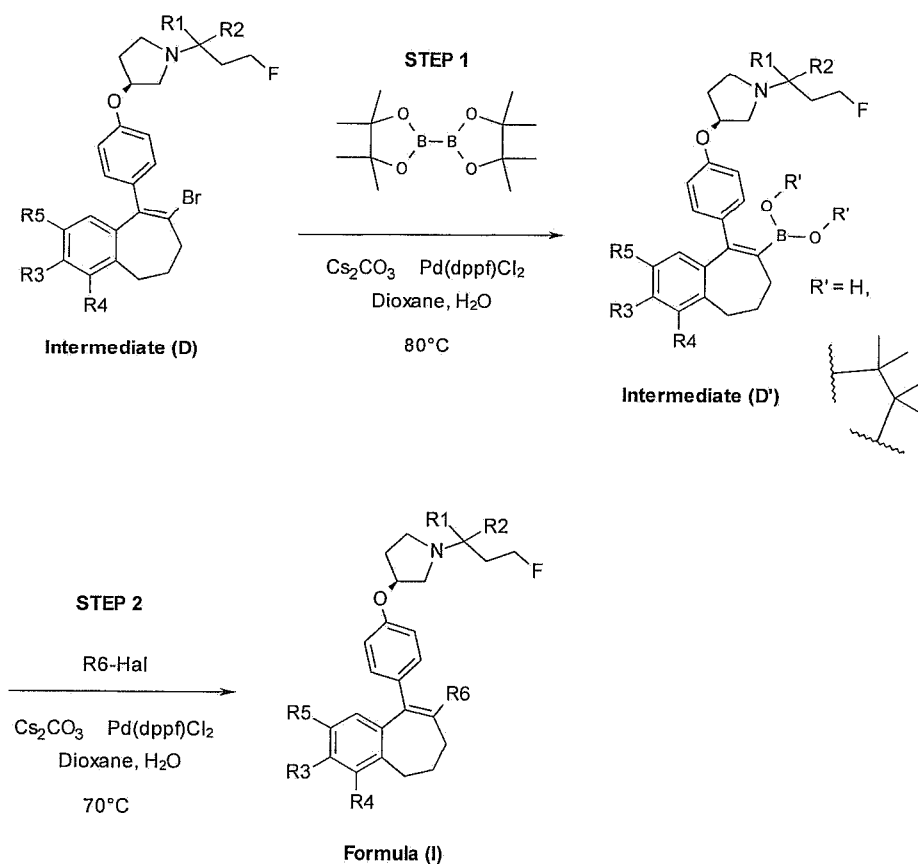
5 The intermediate (C) obtained is brominated in STEP 3 using for example pyridinium tribromide in DCM or tetrahydrofuran (THF) at room temperature. This bromo derivative intermediate (D) is then subjected in STEP 4 to a second Suzuki coupling with a suitable boronic reagent R6B(OR')_2 , wherein $-\text{B(OR')}_2$ is a boronic acid or a pinacolate ester and R6 is as above defined, using for example Pd(dppf)Cl_2 , complex with DCM, as
10 catalyst, in a mixture of dioxane and water as solvent and in the presence of a base, for example Cs_2CO_3 , at room temperature or by heating up to reflux.

In the above-described reactions, it can be necessary to protect reactive functional groups, for example hydroxy, amino, thio or carboxy groups, where these groups are desired in the final product, to avoid their unwanted participation in the reactions.
15 Conventional protecting groups can be used in accordance with standard practice, for example, see T.W. Greene and P. G. M. Wuts in "Protective Groups in Organic Chemistry", John Wiley and Sons, 2006.

When R3 or R5 represents a $-\text{OH}$ group, this $-\text{OH}$ group is protected, for example as a pivaloyl ester. Deprotection can be performed just after STEP 3 or after STEP 4 by
20 treating, with an aqueous solution of sodium hydroxide 2N (NaOH), a solution of the pivaloyl ester in methanol (MeOH) at room temperature, followed by acidification with an aqueous solution of hydrogen chloride 2N (HCl).

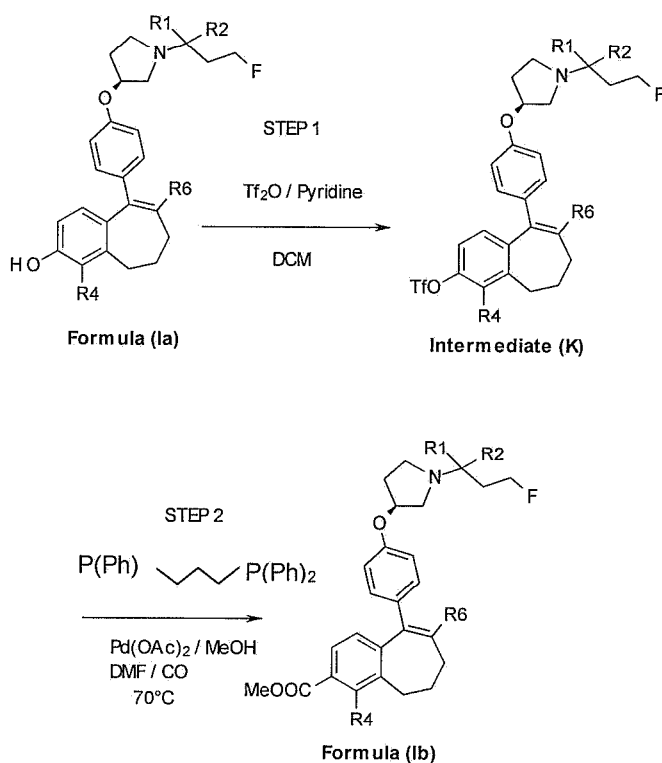
When R3 represents a $-\text{COOH}$ group, this $-\text{COOH}$ group is protected, for example as a methyl ester. Deprotection is performed just after STEP 4 by treating, with an
25 aqueous solution of sodium hydroxide (NaOH) 2N, a solution of the methyl ester in MeOH at room temperature, followed by acidification with an aqueous solution of HCl 2N.

In an embodiment of the invention, it can be advantageous to use a variation of SCHEME 1, called SCHEME 1a depicted below, that consists in transforming
30 intermediate (D) into a boronate derivative which is engaged in a Suzuki coupling with an halogenated derivative R6-Hal , wherein R6 is as above defined and Hal represents a halogen atom selected from a chlorine, a bromine or an iodine atom. Deprotection of the $-\text{OH}$ group or $-\text{COOH}$ group of R3 or R5 can be performed before or after STEP 1 or STEP 2 of SCHEME 1a, as explained above.

SCHEME 1a:

STEP 1 of the above SCHEME 1a consists of reacting intermediate (D) with
 5 4,4,4',4',5,5,5',5'-octamethyl-2,2'-bi(1,3,2-dioxaborolane) using for example Pd(dppf)Cl_2 ,
 complex with DCM, as catalyst, in a mixture of dioxane and water and in the presence of a
 base, for example Cs_2CO_3 , at about 80°C . Intermediate (D') obtained is engaged in STEP
 2 of the above SCHEME 1a in a Suzuki coupling with R6-Hal , wherein R6 and Hal are as
 10 as above defined, using for example Pd(dppf)Cl_2 , complex with DCM, as catalyst, in a
 mixture of dioxane and water as solvent and in the presence of a base, for example
 Cs_2CO_3 , at about 70°C .

In another embodiment of the invention, it can be advantageous, when the
 compounds of the invention are such that R3 is a $-\text{COOH}$ group, to use a variation of
 SCHEME 1, called SCHEME 1b depicted below.

SCHEME 1b: When R3 represents a -COOH group

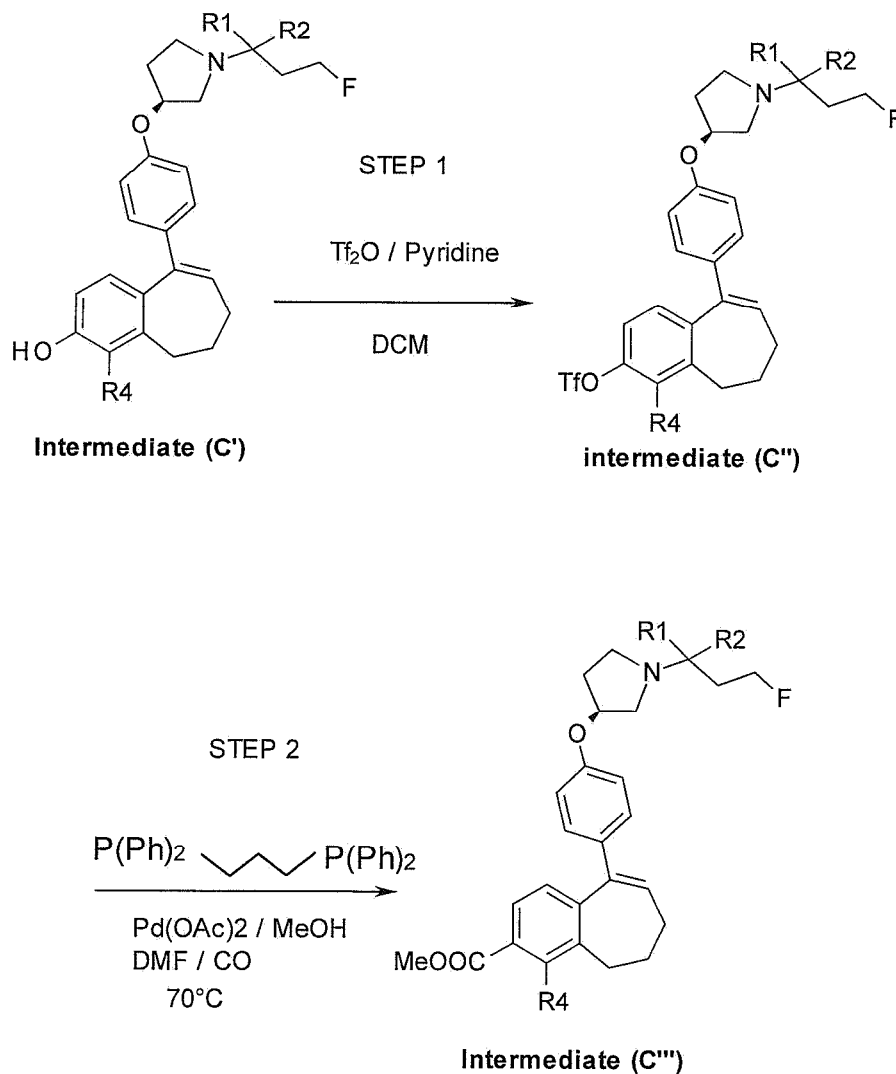
Hereabove SCHEME 1b describes the synthesis of the compounds of the formula (Ib) wherein R3 represents a -COOH group, by generating the -COOH group from the -OH group of R3 of the compounds of formula (Ia) wherein R1, R2, R4 and R6 are as above defined in formula (I). In STEP 1 of SCHEME 1b the -OH group of R3 in the compounds of formula (Ia) is transformed into a triflate group with, for example Tf_2O in DCM with a base, for example pyridine, at room temperature.

The intermediate (K) obtained is then carbonylated in STEP 2 of SCHEME 1b under 2 to 10 bars of carbon monoxide (CO) at about 70°C in a mixture of MeOH and N,N-dimethylformamide (DMF) using for example palladium acetate (Pd(OAc)_2) and 1,3-bis(diphenylphosphino)propane ($\text{P(Ph)}_2\text{-(CH}_2\text{)}_3\text{-P(Ph)}_2$) as catalytic system.

The methyl ester of formula (Ib) then obtained is deprotected as defined above, so as to obtain compounds of formula (I) wherein R1, R2, R4 and R6 are as above defined in formula (I) and R3 is a -COOH group.

In another embodiment of the invention, it can be advantageous as well, when R3 represents a -COOH group, to use a variation of SCHEME 1, called SCHEME 1c depicted below. This SCHEME 1c is an alternative process to the above SCHEME 1b.

- 5 SCHEME 1c: When R3 represents a -COOH group and R6 represents a hydrogen atom

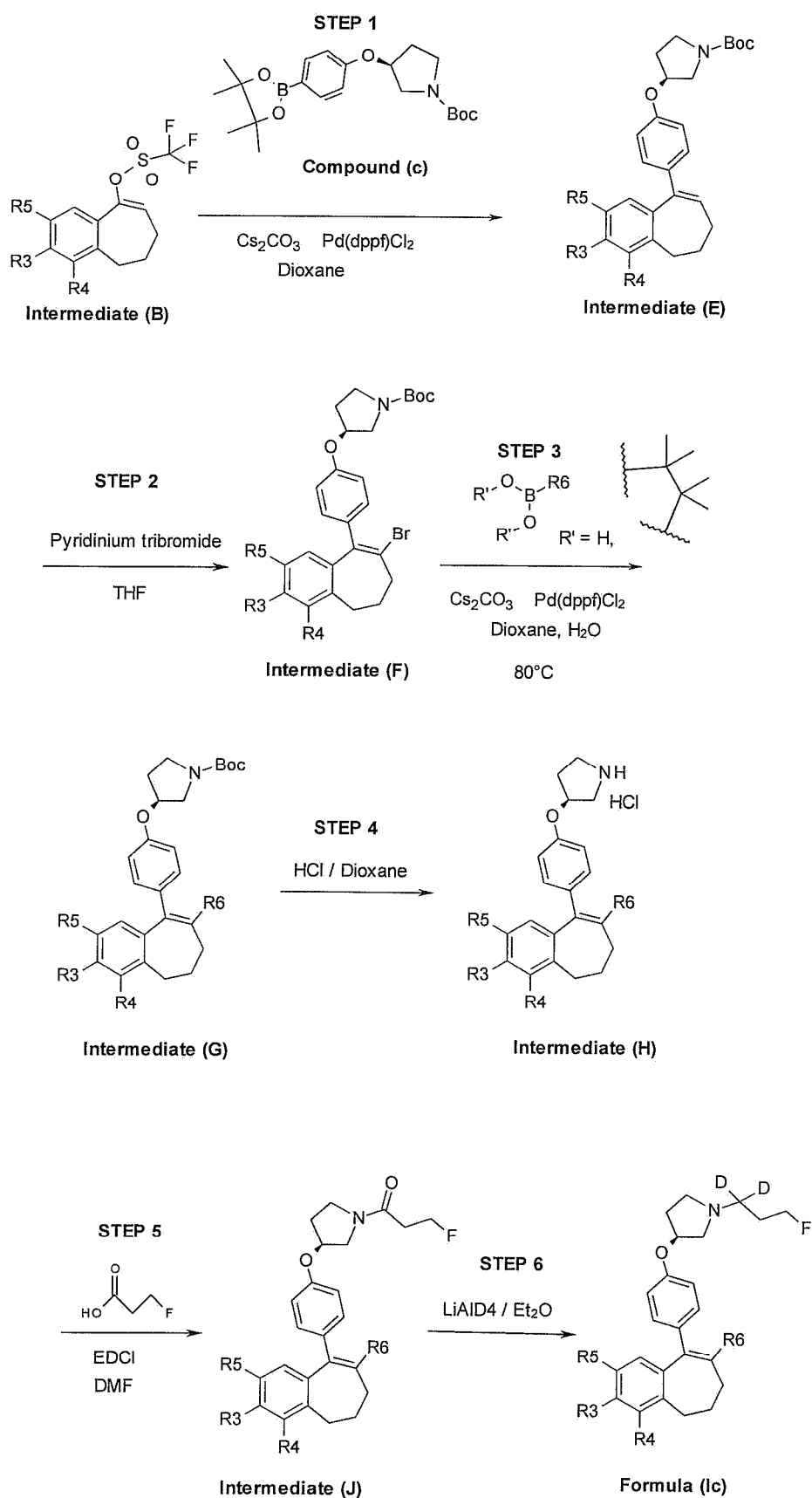


Hereabove SCHEME 1c describes the synthesis of the intermediates (C''') as defined above by generating the -COOMe group from the -OH group of intermediates (C') wherein R1, R2 and R4 are as above defined in formula (I). In STEP 1 of SCHEME 1c, the -OH group is transformed into a triflate group with, for example, Tf_2O in DCM with a base, for example pyridine, at room temperature.

The intermediate (C'') then obtained is carbonylated in STEP 2 of SCHEME 1c under 2 to 10 bars of CO at about 70°C in a mixture of MeOH and DMF using for example $\text{Pd}(\text{dppf})\text{Cl}_2$ or $\text{Pd}(\text{OAc})_2$ and $\text{P}(\text{Ph})_2-(\text{CH}_2)_3-\text{P}(\text{Ph})_2$ as catalytic system.

In another embodiment of the invention, when R1 and R2 represent simultaneously a deuterium atom and R3 is other than a -COOH group, a preferred process of synthesis of compounds of formula (Ic) is described below in SCHEME 1d
5 which is a variation of the general SCHEME 1.

SCHEME 1d: When R1 and R2 are both deuterium atoms and R3 is different from a -COOH group.



According to SCHEME 1d, a substituted enol triflate intermediate (B), obtained in accordance to STEP 1 of SCHEME 1, is subjected in STEP 1 of SCHEME 1d to a Suzuki coupling with compound (c) (tert-butyl (3S)-3-[4-(tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine-1-carboxylate) using for example Pd(dppf)Cl₂, complex with DCM, as catalyst, in dioxane and in the presence of a base, for example Cs₂CO₃, at room temperature.

The intermediate (E) then obtained is brominated in STEP 2 of SCHEME 1d using for example pyridinium tribromide in DCM or THF at room temperature.

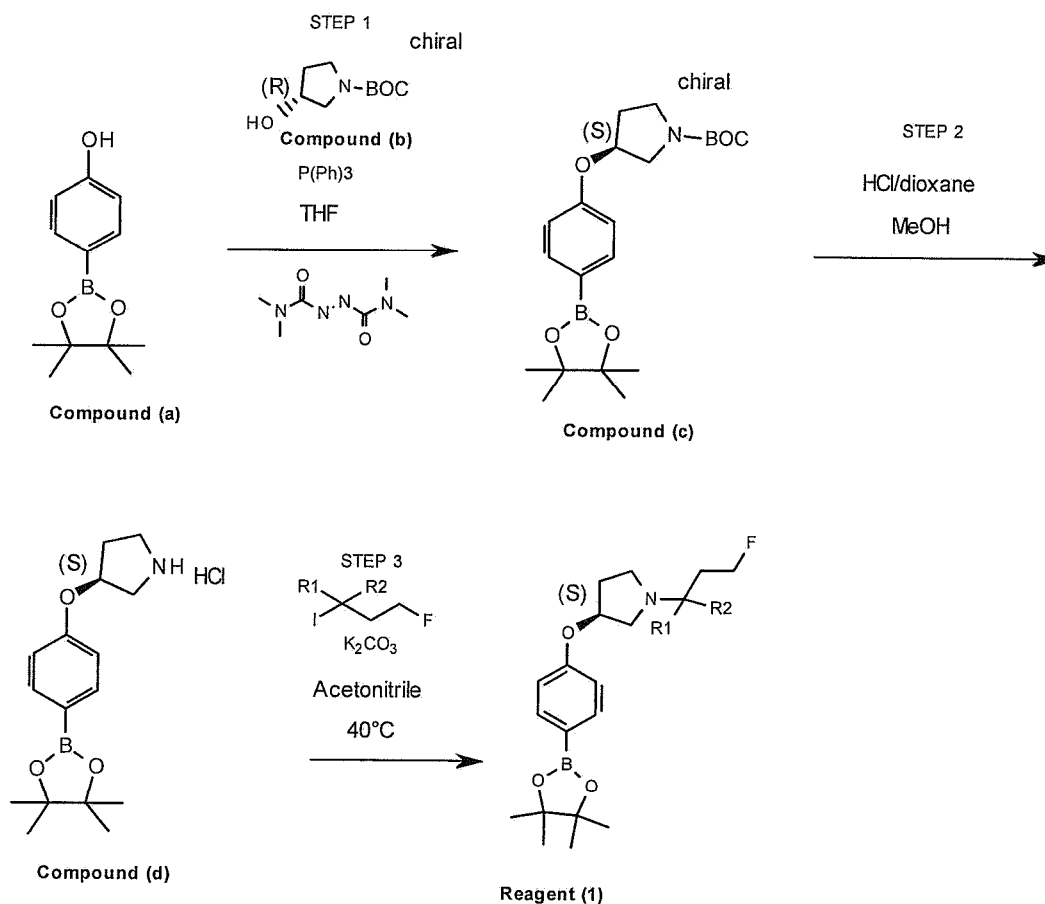
This bromo derivative intermediate (F) obtained is then subjected in STEP 3 of SCHEME 1d to a second Suzuki coupling with a suitable boronic reagent R₆B(OR')₂, wherein the -B(OR')₂ group is a boronic acid or a pinacolate ester, and R₆ is as above defined, using for example Pd(dppf)Cl₂, complex with DCM, as catalyst, in a mixture of dioxane and water and in the presence of a base, for example Cs₂CO₃, at room temperature or by heating up to reflux.

This intermediate (G) obtained is N-protected in STEP 4 of SCHEME 1d using for example a 4N solution of HCl in dioxane, at room temperature.

The NH-pyrrolidine intermediate (H) obtained is amidified in STEP 5 of SCHEME 1d using for example 3-fluoropropionic acid in DMF at room temperature using for example 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide (EDCI) as coupling agent.

Finally, the carbonyl of the amide intermediate (J) then obtained is reduced in STEP 6 of SCHEME 1d into the deuterated amine of formula (Ic) by for example lithium aluminium deuteride (LiAlD₄) in ether (Et₂O) at room temperature.

When R₃ or R₅ is a -OH group, this -OH group is protected, for example as a pivaloyl ester. Deprotection is done at the final STEP 6 for example by reduction with LiAlD₄.

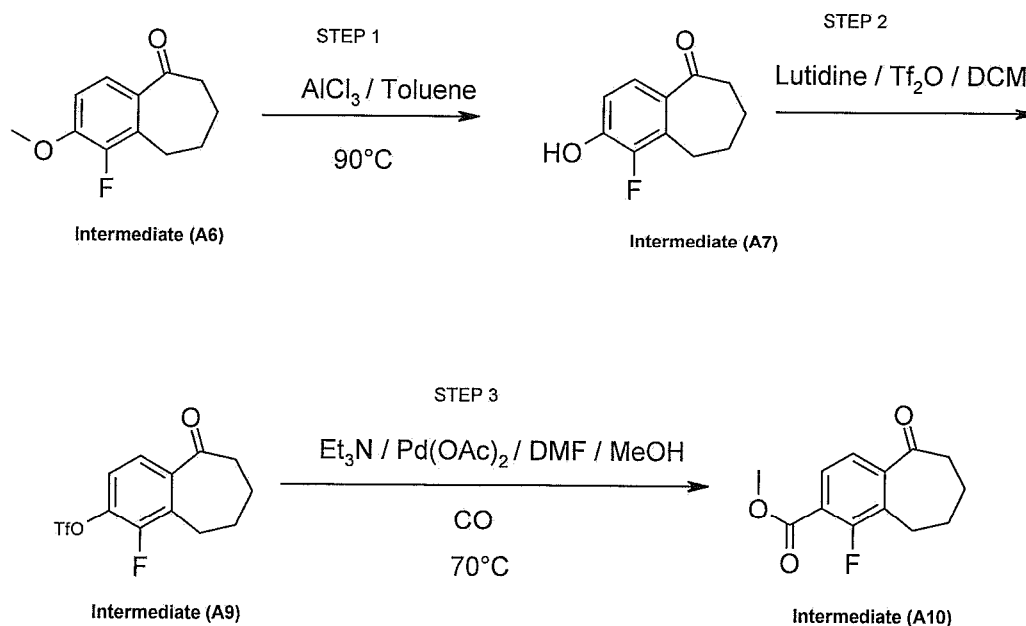
SCHEME 2: Preparation of reagent (1) of SCHEME 1

According to the above SCHEME 2, commercially available compound (a) (4-
 5 (4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenol) is condensed in STEP 1 of SCHEME
 2 in THF at room temperature on (R)-1-N-Boc-3-hydroxypyrrolidine using N,N,N',N'-
 tetramethylazodicarboxamide as coupling agent .

Compound (c) thus obtained is N-deprotected in STEP 2 of SCHEME 2 in MeOH
 at room temperature using an acidic agent for example a solution of HCl 4N in dioxane.

10 Alkylation of the pyrrolidine nitrogen is then performed in STEP 3 of SCHEME 2 by
 reacting compound (d) with the corresponding 1,1-disubstituted 1-halogeno-3-fluoro
 propane, for example 1-iodo-3-fluoropropane in acetonitrile in presence of potassium
 carbonate (K_2CO_3) at about $40^\circ C$.

15 The new intermediate (A10) wherein R3 represents a -COOMe group, R4
 represents a fluorine atom and R5 represents a hydrogen atom can be prepared
 according to reaction SCHEME 3 highlighted below:

SCHEME 3: Preparation of the Intermediate (A10)

According to SCHEME 3, intermediate (A6) (1-fluoro 2-methoxy 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene) is converted in STEP 1 into the corresponding phenol intermediate (A7) by treatment for example with aluminium trichloride (AlCl_3) in toluene at about 90°C .

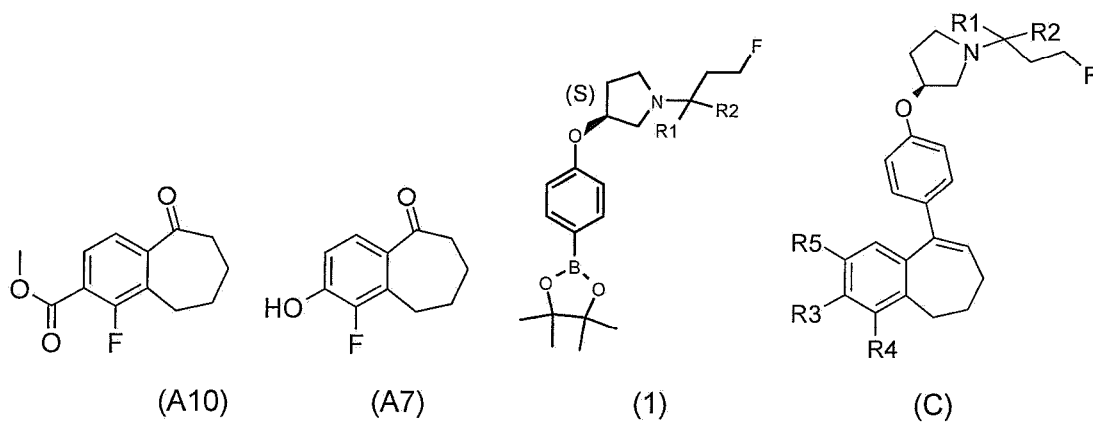
The -OH group is then transformed in STEP 2 of SCHEME 3 into a triflate group by treatment with a base, for example 2,6-dimethyl-pyridine (lutidine), using for example Tf_2O in DCM at room temperature to obtain intermediate (A9).

The intermediate (A9) then obtained is finally carbonylated in STEP 3 of SCHEME 3 in the presence of a base, for example triethylamine (Et_3N) and a catalyst, for example $\text{Pd}(\text{OAc})_2$, under 2 to 10 bars of CO in a mixture of DMF and MeOH at about 70°C to produce intermediate (A10) (1-fluoro 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene 2-carboxylic acid, methyl ester).

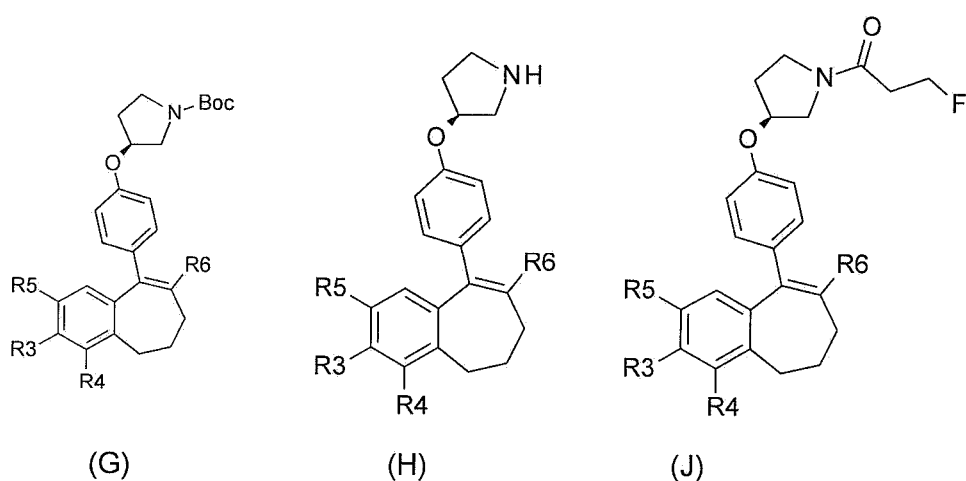
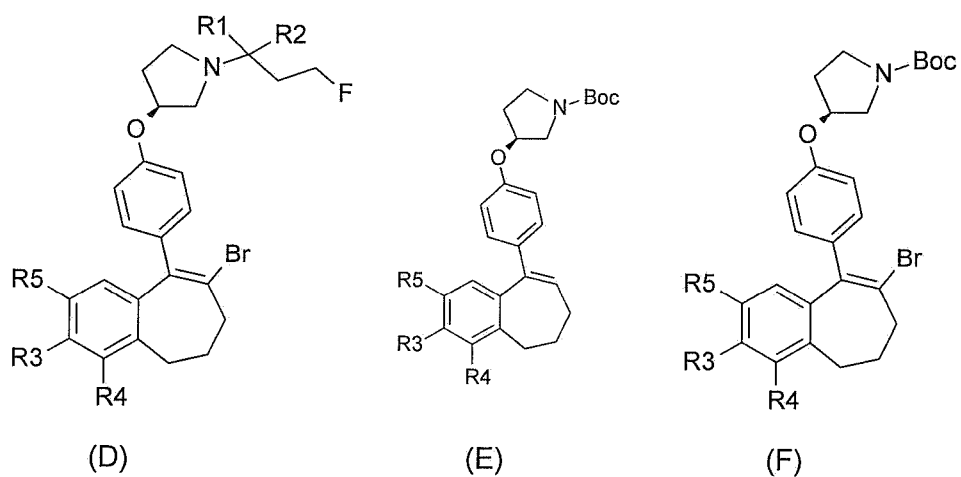
In the above SCHEMES 1, 1a, 1b, 1c, 1d, 2 and 3 the starting compounds and the reactants, when their preparation is not herein described, are commercially available, for example by Sigma-Aldrich, Fluka, Acros Organics, Alfa Aesar, and the like, or are described in the literature, or may be prepared by methods which are known to a person skilled in the art.

In another of its aspects, the invention also provides the compounds as defined below, wherein R1, R2, R3, R4, R5 and R6 are as defined in formula (I) above, which are

useful as intermediates or reagents in the synthesis of the compounds of the formula (I) as above defined, or salts thereof:



5



10

Some compounds of the invention are described, with their structure, name, method of preparation and analytical data, in the below Table 1, which is merely illustrative and does not limit the scope of the present invention.

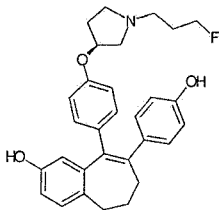
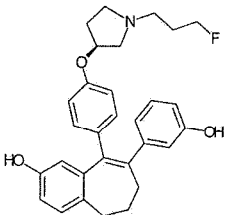
The methods of preparation A, B and C mentioned in table 1 are respectively described in examples 1, 51 and 48 below.

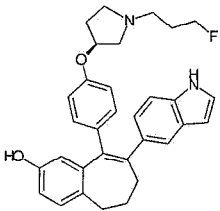
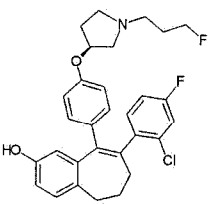
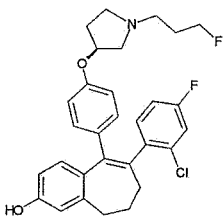
The examples with numbers indicated in bold in Table 1 are further detailed hereafter.

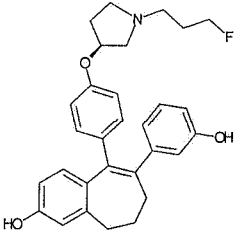
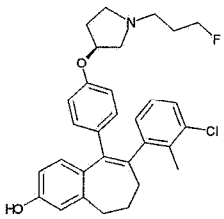
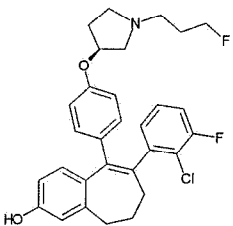
- 5 The ¹H NMR spectra at 400 and 500 MHz were performed on a Bruker Avance DRX-400 and Bruker Avance DPX-500 spectrometer, respectively, with the chemical shifts (δ in ppm) in the solvent dimethyl sulfoxide-d₆ (d₆-DMSO) referenced at 2.5 ppm at a temperature of 303 K. Coupling constants (J) are given in Hertz.

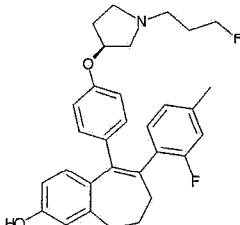
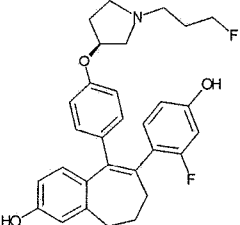
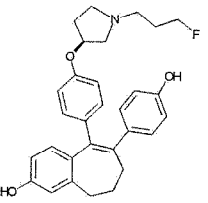
- 10 The liquid chromatography/mass spectra (LC/MS) were obtained on a UPLC Acquity Waters instrument, light scattering detector Sedere and SQD Waters mass spectrometer using UV detection DAD 210<λ<400 nm and column Acquity UPLC CSH C18 1.7 μm, dimension 2.1x30 mm, mobile phase H₂O + 0,1% HCO₂H / CH₃CN + 0,1% HCO₂H.

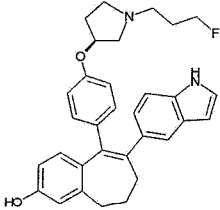
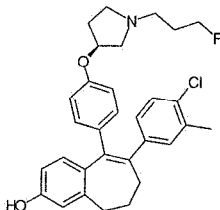
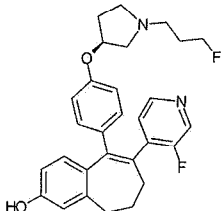
15 **Table 1:**

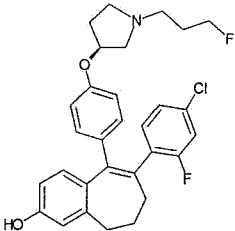
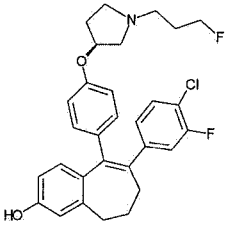
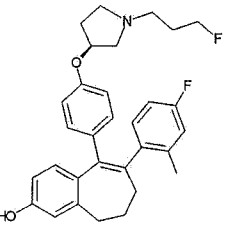
Examples	Structure	Name	Met hod	NMR	MASS : LC/MS (m/z, MH ⁺):
1		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7a]nulen-3-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 1,98 (m, 2 H) ; 2,20 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,54 (m, 1 H) ; 2,63 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,19 (d, J=2,6 Hz, 1 H) ; 6,55 (m, 3 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,6 Hz, 2 H) ; 7,04 (d, J=8,6 Hz, 1 H) ; 8,98 (s, 1 H) ; 9,28 (s, 1 H)	474
2		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-hydroxyphenyl)-8,9-dihydro-7H-benzo[7a]nulen-3-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,99 (m, 2 H) ; 2,19 (m, 3 H) ; 2,35 to 2,68 (m, 7 H) ; 2,80 (m, 1 H) ; 4,47 (td, J=6,0 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,20 (d, J=2,5 Hz, 1 H) ; 6,48 to 6,55 (m, 3 H) ; 6,58 (dd, J=2,5 and 8,6 Hz, 1 H) ; 6,62 (d, J=8,6	474

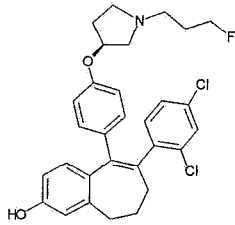
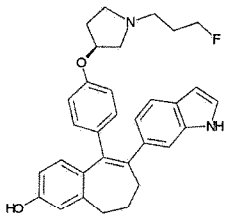
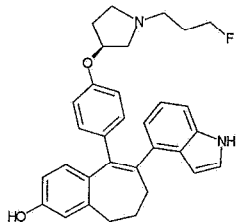
		nnulen-3-ol		Hz, 2 H) ; 6,74 (d, J=8,6 Hz, 2 H) ; 6,96 (t, J=8,2 Hz, 1 H) ; 7,06 (d, J=8,2 Hz, 1 H) ; 9,00 (s, 1 H) ; 9,19 (s, 1 H)	
3		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-3-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,00 (m, 2 H) ; 2,17 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,61 (m, 1 H) ; 2,69 (m, 2 H) ; 2,78 (dd, =6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,21 (d, J=2,9 Hz, 1 H) ; 6,29 (t, J=2,9 Hz, 1 H) ; 6,58 (m, 3 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,85 (dd, J=1,7 and 8,5 Hz, 1 H) ; 7,07 (d, J=8,3 Hz, 1 H) ; 7,16 (d, J=8,5 Hz, 1 H) ; 7,25 (t, J=2,9 Hz, 1 H) ; 7,34 (s, 1 H) ; 8,99 (s, 1 H) ; 10,97 (m, 1 H)	497
4		6-(2-chloro-4-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-3-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,15 (t, J=7,0 Hz, 2 H) ; 2,20 (m, 1 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,52 (dd, J= 3,2 and 10,4 H z, 1 H) ; 2,62 (m, 1 H) ; 2,69 to 2,82 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,20 (d, J=2,7 Hz, 1 H) ; 6,62 (dd, J=2,7 and 8,3 Hz, 1 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J= 8,8 H z, 2 H) ; 7,04 (dt, J=2,7 and 9,0 Hz, 1 H) ; 7,10 (d, J=8,3 Hz, 1 H) ; 7,17 (dd, J=6,4 and 8,9 Hz, 1 H) ; 7,40 (dd J=2,7 and 8,9 Hz, 1 H) ; 9,07 (s, 1 H)	510
5		6-(2-chloro-4-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-3-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,19 (m, 3 H) ; 2,37 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,61 to 2,83 (m, 4 H) ;	508

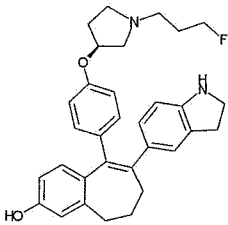
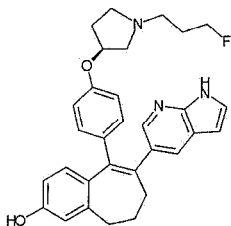
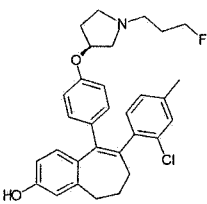
		n-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol		4,47 (td, J=6,2 and 47,6 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,57 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,71 (m, 3 H) ; 7,02 (dt, J=2,6 and 9,0 Hz, 1 H) ; 7,17 (dd, J=6,4 and 9,0 Hz, 1 H) ; 7,39 (dd, J=2,6 and 9,0 Hz, 1 H) ; 9,43 (s, 1 H)	
6		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,20 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,66 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,48 to 6,55 (m, 5 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,94 (t, J=8,0 Hz, 1 H) ; 9,15 (s, 1 H) ; 9,39 (s, 1 H)	474
7		6-(3-chloro-2-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,01 to 2,23 (m, 5 H) ; 2,20 (s, 3 H) ; 2,35 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,60 to 2,82 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,57 (d, J=1,5 Hz, 2 H) ; 6,59 (d, J=8,9 Hz, 2 H) ; 6,66 (d, J=8,9 Hz, 2 H) ; 6,71 (t, J=1,5 Hz, 1 H) ; 6,97 (d, J=8,0 Hz, 1 H) ; 7,03 (t, J=8,0 Hz, 1 H) ; 7,21 (d, J=8,0 Hz, 1 H) ; 9,41 (s, 1 H)	506
8		6-(2-chloro-3-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]a	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,18 (m, 3 H) ; 2,37 (m, 1 H) ; 2,43 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,78 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,58 (s, 2 H) ; 6,60 (d, J=8,9 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,9 Hz, 2 H) ; 6,99 (m, 1 H) ;	510

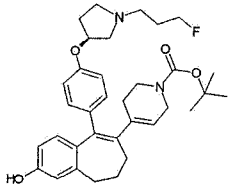
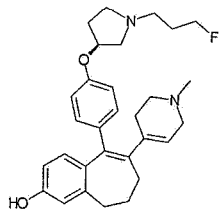
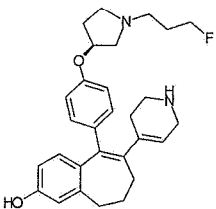
		nnulen-2-ol		7,20 (m, 2 H) ; 9,46 (s, 1 H)	
9		6-(2-fluoro-4-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,12 to 2,22 (m, 3 H) ; 2,23 (s, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,63 (m, 1 H) ; 2,49 (t, J=7,2 Hz, 2 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,3 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,56 (s, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,71 (d, J=8,8 Hz, 2 H) ; 6,82 (d, J=8,0 Hz, 1 H) ; 6,87 (d, J=11,3 Hz, 1 H) ; 7,00 (t, J=8,0 Hz, 1 H) ; 9,41 (s, 1 H)	490
10		6-(2-fluoro-4-hydroxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,13 (t, J=7,0 Hz, 2 H) ; 2,20 (m, 1 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,70 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,40 (dd, J=2,6 and 11,9 Hz, 1H) ; 6,42 (dd, J=2,6 and 8,7 Hz, 1H) ; 6,54 (m, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,89 (t, J=8,7 Hz, 1 H) ; 9,39 (s, 1 H) ; 9,70 (s, 1 H)	492
11		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,20 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J= 3,2 and 10,4 H z, 1 H) ; 2,63 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,52 (m, 4 H) ; 6,60 (d, J= 8,8 H z, 2 H) ; 6,68 (s, 1 H) ; 6,71 (d, J=8,8 Hz, 2 H) ;	474

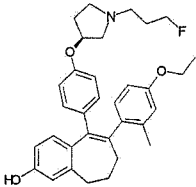
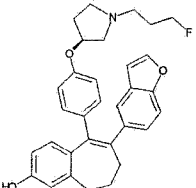
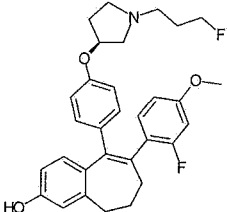
				6,91 (d, J=8,8 Hz, 2 H) ; 9,23 (s, 1 H) ; 9,32 (s, 1 H)	
12		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,15 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,37 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,51 (m, 1 H) ; 2,61 (m, 1 H) ; 2,70 (t, J=7,0 Hz, 2 H) ; 2,77 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,69 (m, 1 H) ; 6,28 (t, J=2,8 Hz, 1 H) ; 6,53 (d, J=8,8 Hz, 2 H) ; 6,55 (m, 2 H) ; 6,68 (d, J=1,5 Hz, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,84 (dd, J=1,8 and 8,5 Hz, 1 H) ; 7,13 (d, J=8,5 Hz, 1 H) ; 7,23 (t, J=2,8 Hz, 1 H) ; 7,32 (d, J=1,8 Hz, 1 H) ; 9,38 (s, 1 H) ; 11,90 (t, J=2,8 Hz, 1 H)	497
13		6-(4-chloro-3-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,00 to 2,23 (m, 4 H) ; 2,12 (s, 3 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,59 to 2,81 (m, 5 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,56 (s, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 7,01 (d, J=8,5 Hz, 1 H) ; 7,09 (dd, J=2,4 and 8,5 Hz, 1 H) ; 7,18 (d, J=2,4 Hz, 1 H) ; 9,39 (s, 1 H)	506
14		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-fluoro-4-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 3 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,3 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,1 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,59 (m, 2 H) ; 6,63 (d, J=8,9 Hz, 2 H) ; 6,73 (m, 3 H) ; 7,25 (dd,	477

		ol		J=5,0 and 6,4 Hz, 1 H) ; 8,24 (dd, J=1,7 and 5,0 Hz, 1 H) ; 8,37 (d, J=1,7 Hz, 1 H) ; 9,50 (s, 1 H)	
15		6-(4-chloro-2-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,13 to 2,24 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,73 (m, 1 H) ; 2,70 (t, J=7,2 Hz, 2 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,3 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,58 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,11 (dd, J=2,2 and 8,2 Hz, 1 H) ; 7,18 (t, J=8,2 Hz, 1 H) ; 7,27 (dd, J=2,2 and 9,9 Hz, 1 H) ; 9,41 (s, 1 H)	510
16		6-(4-chloro-3-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,15 to 2,19 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,55 (m, 1 H) ; 2,68 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,57 (s, 2 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 6,94 (dd, J=2,0 and 8,5 Hz, 1 H) ; 7,13 (dd, J=2,0 and 11,0 Hz, 1 H) ; 7,34 (t, J=8,5 Hz, 1 H) ; 9,42 (s, 1 H)	510
17		6-(4-fluoro-2-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,02 to 2,24 (m, 5 H) ; 2,12 (s, 3 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,59 to 2,82 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 (s, 2 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (dt, J=3,1 and 8,9 Hz, 1 H) ; 6,93 (dd,	490

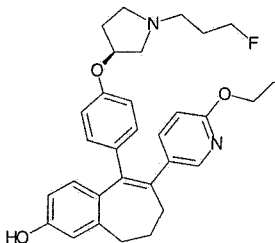
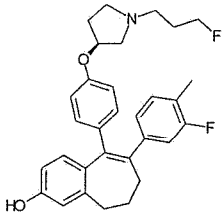
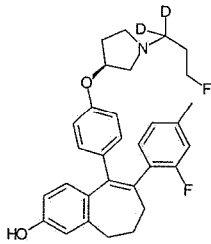
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18		6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,18 (m, 3 H) ; 2,38 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,62 (m, 1 H) ; 2,69 to 2,82 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,57 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,14 (d, J=8,8 Hz, 1 H) ; 7,23 (dd, J=2,5 and 8,8 Hz, 1 H) ; 7,54 (d, J=2,5 Hz, 1 H) ; 9,42 (s, 1 H)	526
19		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,15 (m, 1 H) ; 2,25 to 2,40 (m, 3 H) ; 2,43 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,69 (t, J=7,0 Hz, 2 H) ; 2,77 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,30 (t, J=2,8 Hz, 1 H) ; 6,53 (d, J=8,8 Hz, 2 H) ; 6,55 (s, 2 H) ; 6,70 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,79 (dd, J=1,6 and 8,3 Hz, 1 H) ; 7,15 (s, 1 H) ; 7,24 (t, J=2,8 Hz, 1 H) ; 7,31 (d, J=8,3 Hz, 1 H) ; 9,35 (s, 1 H) ; 10,89 (t, J=2,8 Hz, 1 H)	497
20		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,62 (m, 1 H) ; 1,77 (dm, J=25,3 Hz, 2 H) ; 2,00 (m, 2 H) ; 2,13 (m, 1 H) ; 2,31 (m, 3 H) ; 2,41 (t, J=7,2 Hz, 2 H) ; 2,57 (m, 2 H) ; 2,74 (m, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,65 (m, 1 H) ; 6,25 (d, J=3,0 Hz, 1 H) ; 6,44 (d, J=8,8 Hz, 2 H) ; 6,58 (s, 2 H) ; 6,72 (m, 3 H) ; 6,71 (s, 1 H) ; 6,89 (t, J=8,3 Hz, 1 H) ; 7,15 (d, J=8,3	497

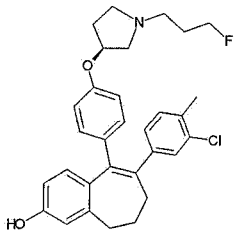
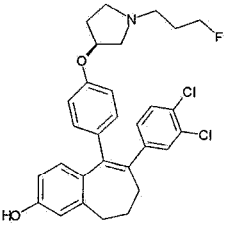
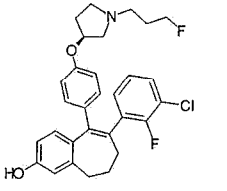
				Hz, 1 H) ; 7,22 (7, J=3,0 Hz, 1 H) ; 9,38 (s, 1 H) ; 11,00 (m, 1 H)	
21		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-indolin-5-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,01 (m, 2 H) ; 2,19 (m, 3 H) ; 2,39 (m, 1 H) ; 2,42 to 2,57 (m, 3 H) ; 2,61 (m, 3 H) ; 2,82 to 2,92 (m, 3 H) ; 3,38 (m, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 5,39 (s, 1 H) ; 6,24 (d, J=8,0 Hz, 1 H) ; 6,51 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,64 (m, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,81 (s, 1 H) ; 9,30 (s, 1 H)	499
22		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-pyrrolo[2,3-b]pyridin-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,17 (m, 1 H) ; 2,29 to 2,40 (m, 3 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,32 (dd, J=2,0 and 2,9 Hz, 1 H) ; 6,57 (s, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,38 (t, J=2,9 Hz, 1 H) ; 7,77 (d, J=2,9 Hz, 1 H) ; 7,89 (d, J=2,9 Hz, 1 H) ; 9,39 (s, 1 H) ; 11,49 (t, J=2,9 Hz, 1 H)	498
23		6-(2-chloro-4-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,11 to 2,22 (m, 3 H) ; 2,23 (s, 3 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,58 to 2,83 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,56 (s, 2 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,72 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,3 Hz, 1 H) ; 6,99 (d, J=8,3 Hz, 1 H) ; 7,21 (s, 1 H) ; 9,41	506

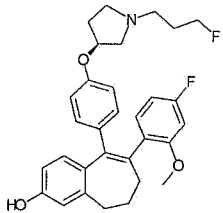
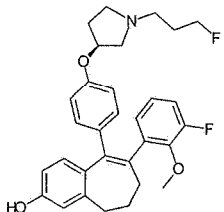
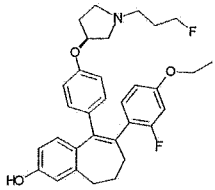
				(s, 1 H)	
24		tert-butyl 4-[5-[4- [(3S)-1-(3- fluoroprop yl)pyrrolidi n-3- yl]oxyphen yl]-2- hydroxy- 8,9- dihydro- 7H- benzo[7]a nnulen-6- yl]-3,6- dihydro- 2H- pyridine-1- carboxylat e	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,38 (s, 9 H) ; 1,70 to 2,08 (m, 9 H) ; 2,24 (m, 1 H) ; 2,40 (m, 1 H) ; 2,45 to 2,57 (m, 4 H) ; 2,60 (dd, J=3,01 and 10,4 Hz, 1 H) ; 2,67 (m, 1 H) ; 2,83 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,24 (m, 2 H) ; 3,71 (m, 2 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,80 (m, 1 H) ; 5,48 (m, 1 H) ; 6,52 (m, 2 H) ; 6,64 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,91 (d, J=8,8 Hz, 2 H) ; 9,34 (s, 1 H)	563
25		5-[4-[(3S)- 1-(3- fluoroprop yl)pyrrolidi n-3- yl]oxyphen yl]-6-(1- methyl- 3,6- dihydro- 2H- pyridin-4- yl)-8,9- dihydro- 7H- benzo[7]a nnulen-2- ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 to 1,89 (m, 3 H) ; 1,93 to 2,08 (m, 6 H) ; 2,14 (s, 3 H) ; 2,20 to 2,32 (m, 3 H) ; 2,40 (m, 1 H) ; 2,46 to 2,55 (m, 4 H) ; 2,60 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,69 (m, 1 H) ; 2,75 (m, 2 H) ; 2,84 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,81 (m, 1 H) ; 5,42 (m, 1 H) ; 6,51 (s, 2 H) ; 6,63 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,91 (d, J=8,8 Hz, 2 H) ; 9,31 (s, 1 H)	477
26		5-[4-[(3S)- 1-(3- fluoroprop yl)pyrrolidi n-3- yl]oxyphen yl]-6- (1,2,3,6- tetrahydro pyridin-4- yl)-8,9- dihydro- 7H- benzo[7]a nnulen-2- ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 to 1,89 (m, 5 H) ; 1,93 to 2,08 (m, 4 H) ; 2,15 (m, 1 H) ; 2,25 (m, 1 H) ; 2,40 (m, 1 H) ; 2,45 to 2,55 (m, 4 H) ; 2,60 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,83 (dd, J=6,3 and 10,4 Hz, 1 H) ; 3,11 (m, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,81 (m, 1 H) ; 5,44 (m, 1 H) ; 6,51 (s, 2 H) ; 6,53 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,8 Hz, 2 H) ; 9,31 (s, 1 H)	434

27		6-(4-ethoxy-2-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,29 (t, J=7,1 Hz, 3 H) ; 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,99 to 2,23 (m, 5 H) ; 2,08 (s, 3 H) ; 2,35 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,59 to 2,81 (m, 4 H) ; 3,94 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,55 (m, 4 H) ; 6,59 (dd, J=2,5 and 8,7 Hz, 1 H) ; 6,66 (m, 3 H) ; 6,70 (s, 1 H) ; 6,90 (d, J=8,7 Hz, 1 H) ; 9,36 (s, 1 H)	516
28		6-(benzofuran-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,20 (t, J=7,0 Hz, 2 H) ; 2,35 to 2,80 (m, 6 H) ; 2,70 (t, J=7,0 Hz, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,58 (m, 4 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,82 (dd, J=1,1 and 2,5 Hz, 1 H) ; 7,05 (d, J=2,0 and 8,7 Hz, 1 H) ; 7,37 (d, J=8,7 Hz, 1 H) ; 7,42 (d, J=2,0 Hz, 1 H) ; 7,91 (d, J=2,5 Hz, 1 H) ; 9,39 (s, 1 H)	498
29		6-(2-fluoro-4-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,15 (t, J=7,0 Hz, 2 H) ; 2,20 (m, 1 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,71 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,55 (s, 2 H) ; 6,60 (m, 3 H) ; 6,65 to 6,73 (m, 4 H) ; 7,02 (t, J=8,9 Hz, 1 H) ; 9,40 (s, 1 H)	506

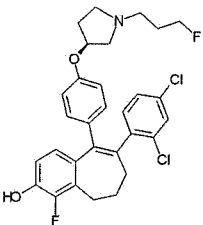
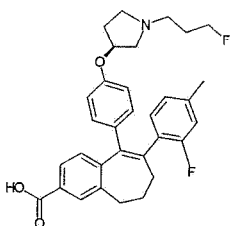
30		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,61 to 1,87 (m, 3 H) ; 2,02 (m, 2 H) ; 2,15 (m, 1 H) ; 2,22 to 2,80 (m, 13 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 5,95 (s, 1 H) ; 6,52 (m, 4 H) ; 6,65 to 6,79 (m, 4 H) ; 7,02 (d, J=8,5 Hz, 1 H) ; 7,16 (s, 1 H) ; 9,31 (s, 1 H) ; 10,76 (m, 1 H)	511
31		6-(2,3-dimethylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,98 to 2,22 (m, 5 H) ; 2,10 (s, 3 H) ; 2,19 (s, 3 H) ; 2,36 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,59 to 2,70 (m, 2 H) ; 2,72 (m, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,54 (d, J=8,8 Hz, 2 H) ; 6,57 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,79 (d, J=7,8 Hz, 1 H) ; 6,77 (t, J=7,8 Hz, 1 H) ; 6,92 (d, J=7,8 Hz, 1 H) ; 9,38 (s, 1 H)	486
32		6-(4-chloro-2-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,00 to 2,24 (m, 5 H) ; 2,13 (s, 3 H) ; 2,36 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,59 to 2,81 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,55 (s, 2 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,02 (d, J=8,2 Hz, 1 H) ; 7,10 (d, J=8,2 Hz, 1 H) ; 7,19 (s, 1 H) ; 9,40 (s, 1 H)	506
33		6-(3-fluoro-2-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,00 to 2,23 (m, 5 H) ; 2,03 (s, 3 H) ; 2,36 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,59 to 2,80 (m,	490

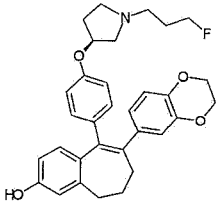
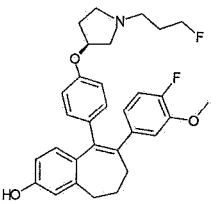
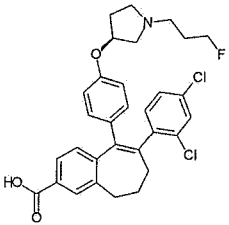
		n-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol		4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 (s, 2 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,88 (d, J=7,8 Hz, 1 H) ; 6,92 (m, 1 H) ; 7,16 (m, 1 H) ; 9,41 (s, 1 H)	
34		6-(6-ethoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,26 (t, J=7,1 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 to 2,28 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,1 Hz, 2 H) ; 2,55 (m, 1 H) ; 2,66 (m, 3 H) ; 2,80 (dd, J=6,5 and 10,5 Hz, 1 H) ; 4,20 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,55 (s, 2 H) ; 6,60 (d, J=8,7 Hz, 1 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 7,43 (dd, J=2,4 and 8,7 Hz, 1 H) ; 7,84 (d, J=2,4 Hz, 1 H) ; 9,40 (s, 1 H)	503
35		6-(3-fluoro-4-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,13 (s, 3 H) ; 2,17 to 2,27 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,66 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,54 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,84 (m, 2 H) ; 7,04 (t, J=8,2 Hz, 1 H) ; 9,41 (s, 1 H)	490
36		5-[4-[(3S)-1-(1,1-dideuterio-3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-fluoro-4-methylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm) : 1,67 (m, 1 H) ; 1,77 (td, J=6,3 and 25,6 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,12 to 2,23 (m, 3 H) ; 2,24 (s, 3 H) ; 2,38 (m, 1 H) ; 2,53 (m, 1 H) ; 2,63 (m, 1 H) ; 2,70 (t, J=7,0 Hz, 2 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,3 and 47,7	492

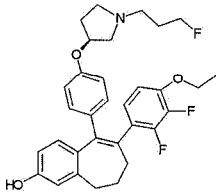
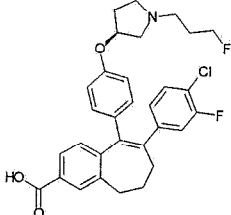
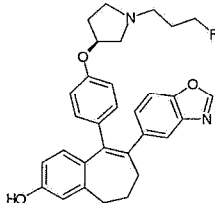
		8,9-dihydro-7H-benzo[7]annulen-2-ol		Hz, 2 H) ; 4,72 (m, 1 H) ; 6,56 (s, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,82 (d, J=8,1 Hz, 1 H) ; 6,88 (d, J=11,6 Hz, 1 H) ; 7,00 (t, J=8,1 Hz, 1 H) ; 9,42 (s, 1 H)	
37		6-(3-chloro-4-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,15 to 2,28 (m, 3 H) ; 2,21 (s, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,2 and 10,5 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,56 (s, 2 H) ; 6,64 (d, J=9,0 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=9,0 Hz, 2 H) ; 6,98 (dd, J=1,9 and 8,0 Hz, 1 H) ; 7,10 (d, J=1,9 Hz, 1 H) ; 7,12 (d, J=8,0 Hz, 1 H) ; 9,41 (s, 1 H)	506
38		6-(3,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,4 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,26 (t, J=7,2 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,5 Hz, 1 H) ; 2,67 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,5 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,57 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 7,09 (dd, J=2,2 and 8,5 Hz, 1 H) ; 7,32 (d, J=2,2 Hz, 1 H) ; 7,40 (d, J=8,5 Hz, 1 H) ; 9,47 (s, 1 H)	526
39		6-(3-chloro-2-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,19 (m, 3 H) ; 2,38 to 2,58 (m, 4 H) ; 2,60 to 2,81 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,56 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,71 (m, 3 H) ; 7,05	510

		dihydro-7H-benzo[7]annulen-2-ol		(t, J=8,2 Hz, 1 H) ; 7,13 (m, 1 H) ; 7,36 (m, 1 H) ; 9,48 (s, 1 H)	
40		6-(4-fluoro-2-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,95 to 2,23 (m, 5 H) ; 2,31 to 2,55 (m, 4 H) ; 2,60 to 2,72 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,72 (s, 3 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,48 to 6,61 (m, 5 H) ; 6,71 (m, 3 H) ; 6,83 (m, 2 H) ; 9,37 (s, 1 H)	506
41		6-(3-fluoro-2-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,13 to 2,24 (m, 3 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,74 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,57 (m, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,78 (dd, J=2,0 and 8,2 Hz, 1 H) ; 6,85 (td, J=5,0 and 8,2 Hz, 1 H) ; 7,03 (ddd, J=2,0 and 8,2 and 12,2 Hz, 1 H) ; 9,40 (s, 1 H)	506
42		6-(4-ethoxy-2-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,38 (t, J=7,1 Hz, 3 H) ; 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,10 to 2,24 (m, 3 H) ; 2,38 (m, 1 H) ; 2,42 to 2,58 (m, 3 H) ; 2,59 to 2,71 (m, 3 H) ; 2,79 (m, 1 H) ; 6,98 (q, J=7,1 Hz, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,62 to 6,76 (m, 9 H) ; 7,00 (t, J=8,8 Hz, 1 H) ; 9,40 (s, 1 H)	520

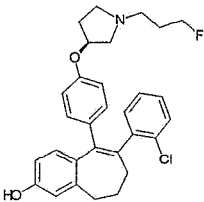
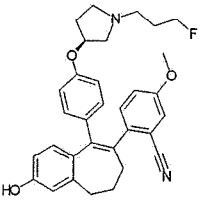
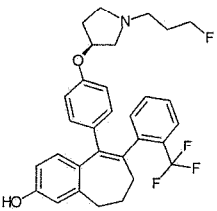
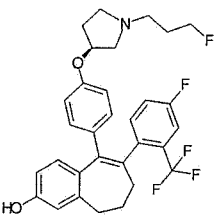
43		6-(2-chloro-4-ethoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,26 (t, J=7,3 Hz, 3 H) ; 1,66 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,02 to 2,25 (m, 5 H) ; 2,35 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,59 to 2,82 (m, 4 H) ; 3,98 (q, J=7,3 Hz, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,54 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (m, 4 H) ; 6,93 (d, J=2,4 Hz, 1 H) ; 6,99 (d, J=8,9 Hz, 1 H) ; 9,41 (s, 1 H)	536
44		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2-methylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,98 to 2,22 (m, 5 H) ; 2,08 (s, 3 H) ; 2,36 (m, 1 H) ; 2,43 (m, 2 H) ; 2,53 (m, 1 H) ; 2,59 to 2,82 (m, 4 H) ; 3,68 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,50 to 6,71 (m, 9 H) ; 6,91 (d, J=8,3 Hz, 1 H) ; 9,36 (s, 1 H)	502
45		1-fluoro-6-(2-fluoro-4-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,19 (m, 3 H) ; 2,22 (s, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 3 H) ; 4,47 (td, J=6,2 and 47,6 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,40 (d, J=8,5 Hz, 1 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,74 (t, J=8,5 Hz, 1 H) ; 6,83 (d, J=8,0 Hz, 1 H) ; 6,89 (d, J=11,2 Hz, 1 H) ; 7,01 (t, J=8,0 Hz, 1 H) ; 9,83 (s, 1 H)	508
46		6-(4-ethoxy-2-methylphenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,28 (t, J=7,1 Hz, 3 H) ; 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,00 to 2,23 (m, 5 H) ; 2,10 (s, 3 H) ; 2,37 (m, 1 H) ; 2,46	534

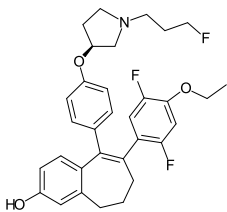
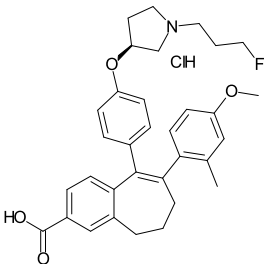
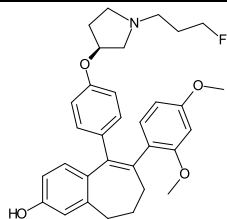
		fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol		(t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,74 to 2,85 (m, 3 H) ; 3,93 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,49 (d, J=9,0 Hz, 1 H) ; 6,56 (d, J=8,9 Hz, 2 H) ; 6,59 (dd, J=2,6 and 8,6 Hz, 1 H) ; 6,65 (d, J=2,6 Hz, 1 H) ; 6,68 (d, J=8,6 Hz, 2 H) ; 6,71 (t, J=9,0 Hz, 1 H) ; 6,90 (d, J=8,6 Hz, 1 H) ; 9,80 (s, 1 H)	
47		6-(2,4-dichlorophenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,19 (m, 3 H) ; 2,38 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,64 (m, 1 H) ; 2,70 to 2,83 (m, 2 H) ; 2,98 (m, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,40 (d, J=8,6 Hz, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,73 (m, 3 H) ; 7,17 (d, J=8,6 Hz, 1 H) ; 7,25 (dd, J=1,5 and 8,6 Hz, 1 H) ; 7,58 (d, J=1,5 Hz, 1 H) ; 9,89 (s, 1 H)	544
48		6-(2-fluoro-4-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	C	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 to 2,22 (m, 5 H) ; 2,25 (s, 3 H) ; 2,37 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,64 (m, 1 H) ; 2,89 (dd, J=6,3 and 10,5 Hz, 1 H) ; 2,83 (t, J=6,8 Hz, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,62 (d, J=8,9 Hz, 2 H) ; 6,72 (d, J=8,9 Hz, 2 H) ; 6,80 to 6,89 (m, 2 H) ; 6,91 (dd, J=1,7 and 11,4 Hz, 1 H) ; 7,05 (t, J=7,8 Hz, 1 H) ; 7,72 (dd, J=1,9 and 8,4 Hz, 1 H) ; 7,89 (d, J=1,9 Hz, 1 H) ; 12,90 (m, 1 H)	518

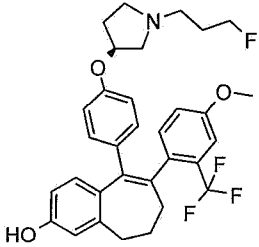
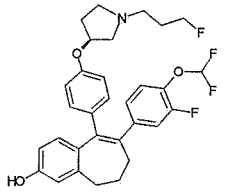
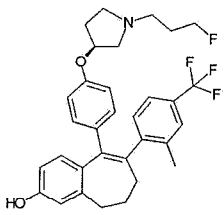
49		6-(2,3-dihydro-1,4-benzodioxin-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,20 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,15 (s, 4 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,50 to 6,65 (m, 7 H) ; 6,67 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 9,37 (s, 1 H)	516
50		6-(4-fluoro-3-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,61 to 2,70 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 3,59 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,57 (m, 2 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,68 (m, 1 H) ; 6,70 (d, J=2,4 Hz, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 6,83 (dd, J=2,4 and 8,7 Hz, 1 H) ; 6,98 (dd, J=8,7 and 11,8 Hz, 1 H) ; 9,39 (s, 1 H)	506
51		6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 to 2,23 (m, 5 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,55 to 2,89 (m, 3 H) ; 4,47 (td, J=6,2 and 47,6 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,63 (d, J=8,9 Hz, 2 H) ; 6,71 (m, 3 H) ; 7,18 (d, J=8,4 Hz, 1 H) ; 8,26 (dd, J=2,0 and 8,4 Hz, 1 H) ; 7,58 (d, J=2,0 Hz, 1 H) ; 7,63 (d, J=8,4 Hz, 1 H) ; 7,79 (s, 1 H) ; 12,3 (m, 1 H)	554

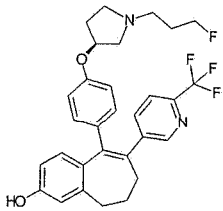
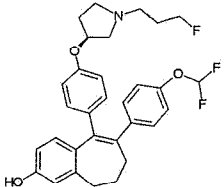
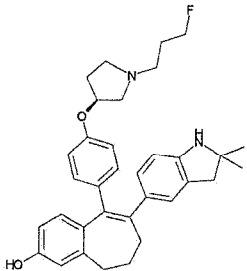
52		6-(4-ethoxy-2,3-difluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,31 (t, J=7,1 Hz, 3 H) ; 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,18 (t, J=7,0 Hz, 2 H) ; 2,20 (m, 1 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,09 (q, J=7,1 Hz, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,57 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,80 to 6,91 (m, 2 H) ; 9,41 (s, 1 H)	538
53		6-(4-chloro-3-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,10 (m, 2 H) ; 2,17 to 2,28 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,2 and 10,5 Hz, 1 H) ; 2,66 (m, 1 H) ; 2,80 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,68 (d, J=8,9 Hz, 2 H) ; 6,73 (m, 1 H) ; 6,76 (d, J=8,9 Hz, 2 H) ; 6,99 (dd, J=2,3 and 8,4 Hz, 1 H) ; 7,20 (dd, J=2,3 and 10,8 Hz, 1 H) ; 7,39 (t, J=8,4 Hz, 1 H) ; 7,66 (d, J=8,5 Hz, 1 H) ; 7,80 (s, 1 H) ; 12,90 (m, 1 H)	538
54		6-(1,3-benzoxazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,17 (m, 1 H) ; 2,30 to 2,39 (m, 3 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,70 (t, J=7,0 Hz, 2 H) ; 2,77 (dd, J=6,2 and 10,5 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 (m, 4 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,19 (dd, J=1,6 and 8,8 Hz, 1 H) ; 7,54 (m, 2 H) ; 8,65 (s, 1 H) ; 9,39 (s, 1 H)	499

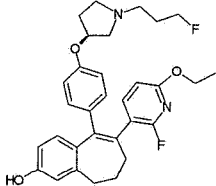
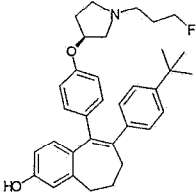
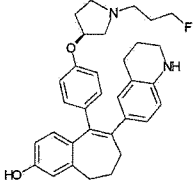
55		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,20 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (m, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 1 H) ; 2,73 to 2,83 (m, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,56 (d, J=8,8 Hz, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,77 (d, J=8,3 Hz, 1 H) ; 6,95 (d, J=8,8 Hz, 2 H) ; 7,68 (dd, J=2,0 and 8,3 Hz, 1 H) ; 7,82 (d, J=2,0 Hz, 1 H) ; 9,36 (s, 1 H) ; 12,80 (m, 1 H)	502
56		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-isopropylphenyl)-8,9-dihydro-7H-benzo[7]annulene-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 0,70 (d, J=6,8 Hz, 3 H) ; 1,09 (d, J=6,8 Hz, 3 H) ; 1,63 (m, 1 H) ; 1,77 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,17 (m, 3 H) ; 2,35 (m, 1 H) ; 2,43 (t, J=7,2 Hz, 2 H) ; 2,50 (m, 1 H) ; 2,61 (m, 1 H) ; 2,69 to 2,78 (m, 3 H) ; 3,11 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,52 to 6,60 (m, 4 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (d, J=2,0 Hz, 1 H) ; 7,02 to 7,20 (m, 4 H) ; 9,36 (s, 1 H)	500
57		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(o-tolyl)-8,9-dihydro-7H-benzo[7]annulene-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,01 to 2,22 (m, 5 H) ; 2,12 (s, 3 H) ; 2,35 (m, 1 H) ; 2,44 (m, 2 H) ; 2,53 (m, 1 H) ; 2,59 to 2,82 (m, 4 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,54 (d, J=8,8 Hz, 2 H) ; 6,57 (s, 2 H) ; 6,66 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,99 to 7,11 (m, 4 H) ; 9,37 (s, 1 H)	472

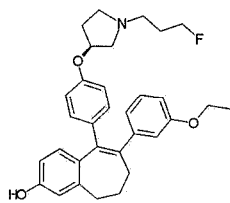
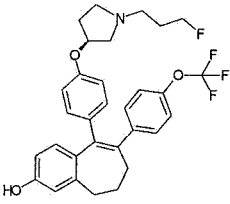
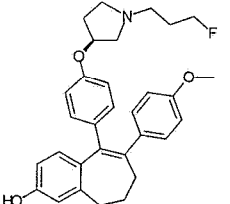
58		6-(2-chlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,18 (m, 3 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,69 to 2,85 (m, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,57 (m, 4 H) ; 6,71 (m, 3 H) ; 7,08 to 7,20 (m, 3 H) ; 7,39 (d, J=8,2 Hz, 1 H) ; 9,40 (s, 1 H)	492
59		2-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-5-methoxybenzonitrile	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,09 (m, 2 H) ; 2,14 to 2,26 (m, 3 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 1 H) ; 2,80 (m, 3 H) ; 3,76 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,57 (m, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (d, J=8,8 Hz, 2 H) ; 6,72 (s, 1 H) ; 7,17 (dd, J=2,8 and 8,6 Hz, 1 H) ; 7,21 (d, J=2,8 Hz, 1 H) ; 7,33 (d, J=8,6 Hz, 1 H) ; 9,44 (s, 1 H)	513
60		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,02 to 2,27 (m, 5 H) ; 2,36 (m, 1 H) ; 2,43 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,58 to 2,69 (m, 2 H) ; 2,77 (m, 1 H) ; 2,85 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,57 (m, 4 H) ; 6,70 (m, 3 H) ; 7,14 (d, J=8,2 Hz, 1 H) ; 7,32 to 7,45 (m, 2 H) ; 7,69 (d, J=8,2 Hz, 1 H) ; 9,40 (s, 1 H)	526
61		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-fluoro-2-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 to 2,24 (m, 5 H) ; 2,37 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,63 (m, 2 H) ; 2,73 to 2,80 (m,	544

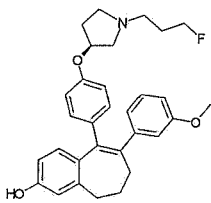
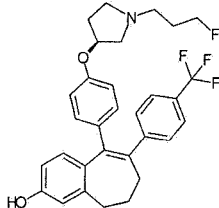
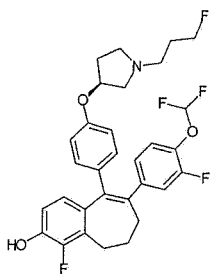
		(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol		2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 (m, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,20 (dd, J=6,0 and 8,8 Hz, 1 H) ; 7,32 (dt, J=2,8 and 8,8 Hz, 1 H) ; 7,60 (dd, J=2,8 and 9,6 Hz, 1 H) ; 9,41 (s, 1 H)	
62		6-(4-ethoxy-2,5-difluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,30 (t, J=7,0 Hz, 3 H) ; 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,11 to 2,23 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,5 Hz, 1 H) ; 4,04 (q, J=7,0 Hz, 2 H) ; 4,48 (td, J=6,2 and 47,6 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,57 (s, 2 H) ; 6,62 (d, J=8,9 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,73 (d, J=8,9 Hz, 2 H) ; 6,92 (dd, J=7,4 and 11,2 Hz, 1 H) ; 7,00 (dd, J=7,0 and 11,8 Hz, 1 H) ; 9,41 (s, 1 H)	538
63		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2-methylphenyl)-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride	B	¹ H NMR (500 MHz, DMSO-d ₆ , δ ppm) : 1,92 to 2,30 (m, 8 H) ; 2,12 (s, 3 H) ; 2,89 (m, 2 H) ; 3,09 to 3,40 (m, 4 H) ; 3,67 (m, 2 H) ; 3,70 (s, 3 H) ; 4,52 (td, J=5,7 and 47,0 Hz, 2 H) ; 4,95 to 5,08 (m, 1 H) ; 6,63 (dd, J=2,6 and 8,5 Hz, 1 H) ; 6,68 (d, J=9,0 Hz, 2 H) ; 6,70 (d, J=2,6 Hz, 1 H) ; 6,73 (d, J=9,0 Hz, 2 H) ; 6,84 (d, J=8,0 Hz, 1 H) ; 6,97 (d, J=8,5 Hz, 1 H) ; 7,84 (dd, J=1,9 and 8,0 Hz, 1 H) ; 7,90 (d, J=1,9 Hz, 1 H) ; 10,30 (s, 0,5 H) ; 10,64 (s, 0,5 H) ; 12,86 (s, 1 H)	530
64		6-(2,4-dimethoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,99 (m, 2 H) ; 2,09 (m, 2 H) ; 2,19 (m, 1 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ;	518

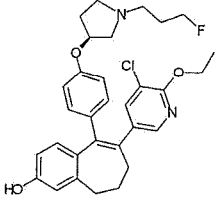
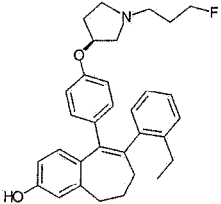
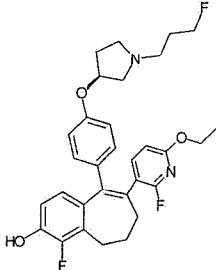
		n-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol		2,52 (m, 1 H) ; 2,59 to 2,71 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,70 (s, 6 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,29 (dd, J= 2,5 and 8,5 Hz, 1 H) ; 6,49 (d, J=2,5 Hz, 1 H) ; 6,54 (d, J=1,5 Hz, 2 H) ; 6,56 (d, J=8,8 Hz, 2 H) ; 6,68 (t, J=1,5 Hz, 1 H) ; 6,70 (d, J=8,8 Hz, 2 H) ; 6,75 (d, J=8,5 Hz, 1 H) ; 9,30 (s, 1 H)	
65		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-methoxy-2-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,00 to 2,25 (m, 5 H) ; 2,37 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 2 H) ; 2,62 (m, 1 H) ; 2,72 to 2,81 (m, 2 H) ; 3,78 (s, 3 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,55 (s, 2 H) ; 6,59 (d, J= 8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J= 8,8 Hz, 2 H) ; 7,00 (dd, J=2,8 and 8,7 Hz, 1 H) ; 7,17 (d, J=8,7 Hz, 1 H) ; 7,27 (d J=2,8 Hz, 1 H) ; 9,39 (s, 1 H)	556
66		6-[4-(difluoroethoxy)-3-fluorophenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 to 2,28 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,54 (m, 1 H) ; 2,68 (m, 3 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,56 (s, 2 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,96 (d, J=8,6 Hz, 1 H) ; 7,07 to 7,18 (m, 2 H) ; 7,19 (t, J=73,8 Hz, 1 H) ; 9,41 (s, 1 H)	542
67		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-methyl-4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,01 to 2,25 (m, 5 H) ; 2,21 (s, 3 H) ; 2,36 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,59 to 2,81 (m, 4 H) ; 4,46 (td, J=6,1 and	540

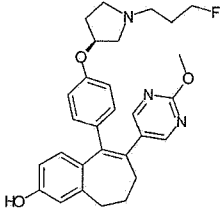
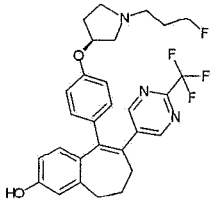
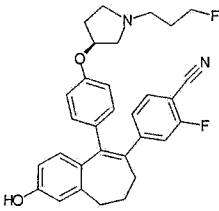
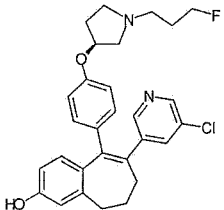
		ethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol		47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,58 (m, 4 H) ; 6,66 (d, J=8,8 Hz, 2 H) ; 6,72 (s, 1 H) ; 7,22 (dd, J=3,0 and 8,6 Hz, 1 H) ; 7,38 (d, J=8,6 Hz, 1 H) ; 7,47 (s, 1 H) ; 9,40 (s, 1 H)	
68		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[6-(trifluoromethyl)-3-pyridyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,20 (m, 1 H) ; 2,31 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 1 H) ; 2,70 (t, J=7,2 Hz, 2 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,59 (s, 2 H) ; 6,66 (d, J=8,8 Hz, 2 H) ; 6,72 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 7,72 (d, J=8,2 Hz, 1 H) ; 7,83 (dd, J=2,5 and 8,2 Hz, 1 H) ; 8,40 (d, J=2,5 Hz, 1 H) ; 9,50 (s, 1 H)	527
69		6-[4-(difluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,05 to 2,29 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,53 (m, 1 H) ; 2,65 (m, 3 H) ; 2,79 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,55 (d, J=1,5 Hz, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (d, J=8,8 Hz, 2 H) ; 6,73 (s, 1 H) ; 6,97 (d, J=8,5 Hz, 2 H) ; 7,25 (d, J=8,5 Hz, 2 H) ; 7,29 (t, J=74,5 Hz, 1 H) ; 9,38 (s, 1 H)	524
70		6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,13 (m, 2 H) ; 1,18 (s, 6 H) ; 1,65 to 1,88 (m, 3 H) ; 2,01 (m, 2 H) ; 2,20 (m, 3 H) ; 2,33 to 2,70 (m, 7 H) ; 2,79 (m, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 5,34 (s, 1 H) ; 6,19 (d, J=8,0 Hz, 1 H) ; 6,48 to 6,75 (m, 9 H) ; 9,28 (s, 1 H)	527

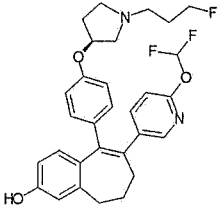
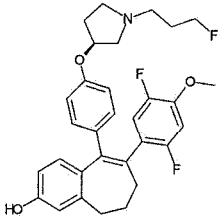
		nnulen-2-ol			
71		6-(6-ethoxy-2-fluoro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 0,77 (t, J=7,1 Hz, 3 H) ; 1,71 (m, 1 H) ; 1,81 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,17 (t, J=7,0 Hz, 2 H) ; 2,22 (m, 1 H) ; 2,35 to 2,93 (m, 6 H) ; 2,68 (t, J=7,0 Hz, 2 H) ; 4,18 (q, J=7,1 Hz, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,55 (s, 2 H) ; 6,59 (d, J=8,3 Hz, 1 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,58 (dd, J=8,3 and 10,2 Hz, 1 H) ; 9,42 (s, 1 H)	521
72		6-(4-tert-butylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,21 (s, 9 H) ; 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,20 (m, 1 H) ; 2,25 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,55 (m, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,03 (d, J=8,6 Hz, 2 H) ; 7,18 (d, J=8,6 Hz, 2 H) ; 9,35 (s, 1 H)	514
73		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,4-tetrahydroquinolin-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 to 1,88 (m, 5 H) ; 2,00 (m, 2 H) ; 2,19 (m, 3 H) ; 2,39 (m, 1 H) ; 2,43 to 2,52 (m, 4 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,59 to 2,69 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,10 (m, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 5,52 (s, 1 H) ; 6,17 (d, J=8,3 Hz, 1 H) ; 6,52 (m, 2 H) ; 6,59 to 6,66 (m, 5 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 9,28 (s, 1 H)	513

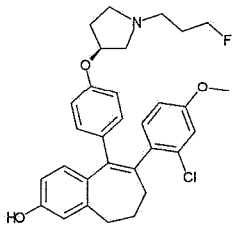
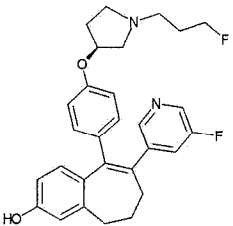
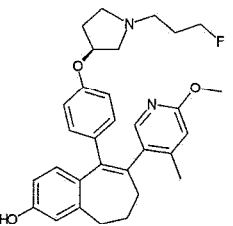
74		6-(3-ethoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,20 (t, J=7,1 Hz, 3 H) ; 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,19 (m, 1 H) ; 2,25 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,66 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,82 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,55 (m, 2 H) ; 6,59 to 6,71 (m, 6 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 7,07 (t, J=8,0 Hz, 1 H) ; 9,37 (s, 1 H)	502
75		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,28 (t, J=7,0 Hz, 6 H) ; 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,10 (m, 2 H) ; 2,20 (m, 1 H) ; 2,27 (t, J=7,0 Hz, 2 H) ; 2,41 (m, 1 H) ; 2,48 (m, 2 H) ; 2,57 (m, 1 H) ; 2,68 (m, 1 H) ; 2,78 (t, J=7,0 Hz, 2 H) ; 2,82 (m, 1 H) ; 4,17 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,79 (d, J=8,6 Hz, 1 H) ; 7,03 (ddd, J=1,3 and 2,8 and 8,6 Hz, 1 H) ; 7,16 (d, J=2,8 Hz, 1 H) ; 7,18 (d, J=8,9 Hz, 2 H) ; 7,28 (d, J=8,9 Hz, 2 H)	542
76		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,17 (m, 1 H) ; 2,23 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,65 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,69 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,54 (s, 2 H) ; 6,60 (d, J=8,7 Hz, 2 H) ; 6,68 (s, 1 H) ; 6,72 (m, 4 H) ; 7,04 (d, J=8,7 Hz, 2 H) ; 9,31 (s, 1 H)	488

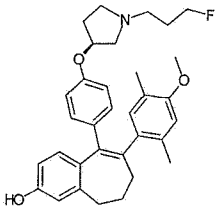
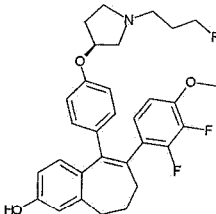
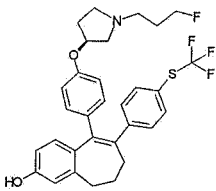
77		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methoxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,19 (m, 1 H) ; 2,26 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,49 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,55 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,62 to 6,70 (m, 4 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 7,08 (m, 1 H) ; 9,38 (s, 1 H)	488
78		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,19 (m, 1 H) ; 2,29 (m, 2 H) ; 2,39 (m, 1 H) ; 2,48 to 2,55 (m, 3 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,57 (m, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,72 (m, 3 H) ; 7,32 (d, J=8,3 Hz, 2 H) ; 7,52 (d, J=8,3 Hz, 2 H) ; 9,43 (s, 1 H)	526
79		6-[4-(difluoromethoxy)-3-fluorophenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 1 H) ; 2,79 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,40 (d, J=8,6 Hz, 1 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,73 (t, J=8,6 Hz, 1 H) ; 6,77 (d, J=8,8 Hz, 2 H) ; 6,98 (dd, J=2,5 and 8,5 Hz, 1 H) ; 7,10 to 7,18 (m, 2 H) ; 7,19 (t, J=73,5 Hz, 1 H) ; 9,87 (m, 1 H)	560

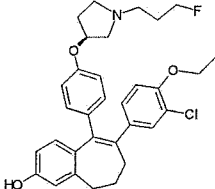
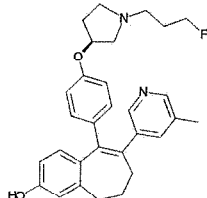
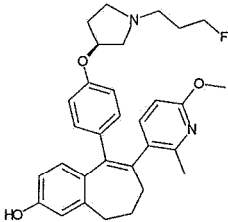
80		6-(5-chloro-6-ethoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,29 (t, J=7,1 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,15 to 2,18 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,57 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,67 (m, 3 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,30 (q, J=7,1 Hz, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,57 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,78 (d, J=8,8 Hz, 2 H) ; 7,60 (d, J=2,4 Hz, 1 H) ; 7,80 (d, J=2,4 Hz, 1 H) ; 9,42 (s, 1 H)	537
81		6-(2-ethylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,08 (t, J=7,6 Hz, 3 H) ; 1,65 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,01 to 2,22 (m, 5 H) ; 2,35 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,58 to 2,82 (m, 6 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,54 (d, J=8,8 Hz, 2 H) ; 6,57 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,98 to 7,05 (m, 2 H) ; 7,11 (m, 1 H) ; 7,18 (d, J=8,2 Hz, 1 H) ; 9,35 (s, 1 H)	486
82		6-(6-ethoxy-2-fluoro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,28 (t, J=7,1 Hz, 3 H) ; 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,13 to 2,25 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 3 H) ; 4,19 (q, J=7,1 Hz, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,40 (d, J=8,3 Hz, 1 H) ; 6,60 (dd, J=1,4 and 8,3 Hz, 1 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,74 (m, 3 H) ; 7,59 (dd, J=8,3 and 10,2 Hz, 1 H) ; 9,89 (m, 1 H)	539

83		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methoxypyrimidin-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,71 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,16 to 2,30 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,56 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,68 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,86 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,57 (s, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,80 (d, J=8,8 Hz, 2 H) ; 8,31 (s, 2 H) ; 9,46 (s, 1 H)	490
84		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-(trifluoromethyl)pyrimidin-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 to 1,86 (m, 3 H) ; 2,10 (m, 2 H) ; 2,21 (m, 1 H) ; 2,30 to 2,58 (m, 6 H) ; 2,61 to 2,82 (m, 4 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,79 (m, 1 H) ; 6,59 (s, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,72 (s, 1 H) ; 6,80 (d, J=8,8 Hz, 2 H) ; 8,74 (s, 2 H) ; 9,56 (s, 1 H)	528
85		2-fluoro-4-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]benzonitrile	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,55 (m, 1 H) ; 2,79 (m, 3 H) ; 2,80 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,58 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 7,10 (d, J=8,1 Hz, 1 H) ; 7,28 (d, J=11,5 Hz, 1 H) ; 7,68 (t, J=8,1 Hz, 1 H) ; 9,50 (s, 1 H)	501
86		6-(5-chloro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,20 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0	493

		yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol		and 10,4 Hz, 1 H) ; 2,61 to 2,72 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,59 (s, 2 H) ; 6,68 (d, J= 8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,77 (d, J=8,8 Hz, 2 H) ; 7,70 (d, J=2,5 Hz, 1 H) ; 8,18 (d, J=2,5 Hz, 1 H) ; 8,31 (d, J=2,5 Hz, 1 H) ; 9,49 (s, 1 H)	
87		6-[6-(difluoromethoxy)-3-pyridyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,20 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,56 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,68 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,56 (s, 2 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,78 (d, J=8,8 Hz, 2 H) ; 6,91 (d, J=8,6 Hz, 1 H) ; 7,62 (t, J=73,1 Hz, 1 H) ; 7,68 (dd, J=2,0 and 8,6 Hz, 1 H) ; 7,96 (d, J=2,0 Hz, 1 H) ; 9,46 (s, 1 H)	525
88		6-(2,5-difluoro-4-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,15 (t, J=7,0 Hz, 2 H) ; 2,20 (m, 1 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,72 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,79 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,55 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,93 (dd, J=7,3 and 11,2 Hz, 1 H) ; 6,99 (dd, J=7,1 and 12,1 Hz, 1 H) ; 9,40 (s, 1 H)	524

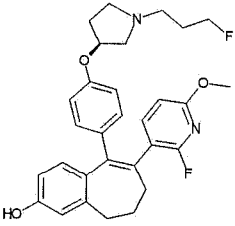
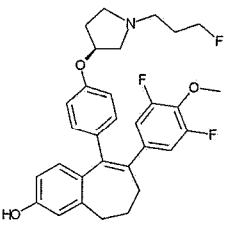
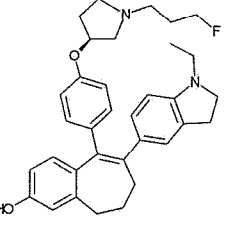
89		6-(2-chloro-4-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,12 to 2,23 (m, 3 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,62 (m, 1 H) ; 2,70 to 2,82 (m, 3 H) ; 3,71 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,55 (s, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (dd, J=2,6 and 8,8 Hz, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,97 (d, J=2,6 Hz, 1 H) ; 7,00 (d, J=8,8 Hz, 1 H) ; 9,38 (s, 1 H)	522
90		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-fluoro-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,09 (m, 2 H) ; 2,20 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,1 and 10,4 Hz, 1 H) ; 2,61 to 2,72 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,58 (m, 2 H) ; 6,66 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,77 (d, J=8,8 Hz, 2 H) ; 7,52 (td, J=2,9 and 10,4 Hz, 1 H) ; 8,09 (t, J=2,9 Hz, 1 H) ; 8,27 (d, J=2,9 Hz, 1 H) ; 9,48 (s, 1 H)	477
91		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 to 2,23 (m, 5 H) ; 2,12 (s, 3 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 2 H) ; 2,79 (m, 2 H) ; 3,75 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,55 (s, 2 H) ; 6,57 (s, 1 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,71 (s, 1 H) ; 9,39 (s, 1 H)	503

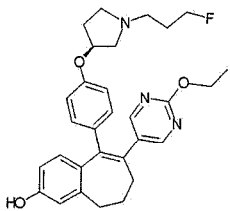
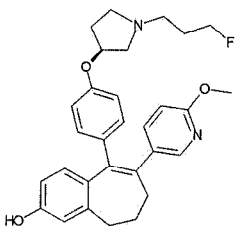
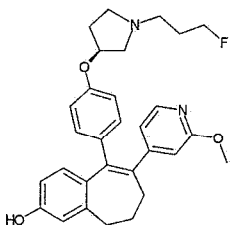
92		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2,5-dimethylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,98 to 2,22 (m, 5 H) ; 2,01 (s, 3 H) ; 2,04 (s, 3 H) ; 2,37 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H, 1 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,71 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,54 (s, 2 H) ; 6,55 (d, J= 8,8 Hz, 2 H) ; 6,61 (s, 1 H) ; 6,68 (d, J= 8,8 Hz, 2 H) ; 6,81 (s, 1 H) ; 9,34 (s, 1 H)	516
93		6-(2,3-difluoro-4-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,14 to 2,25 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,61 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,82 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,57 (m, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,80 to 6,94 (m, 2 H) ; 9,43 (s, 1 H)	524
94		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethylsulfanyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,57 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,71 (d, J=8,8 Hz, 2 H) ; 7,25 (d, J=8,4 Hz, 2 H) ; 7,50 (d, J=8,4 Hz, 2 H) ; 9,46 (s, 1 H)	558

95		6-(3-chloro-4-ethoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,31 (t, J=7,1 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,15 to 2,27 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,1 and 10,4 Hz, 1 H) ; 2,66 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,03 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,54 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,6 Hz, 1 H) ; 7,03 (dd, J=2,6 and 8,6 Hz, 1 H) ; 7,11 (d, J=2,6 Hz, 1 H) ; 9,38 (s, 1 H)	536
96		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-methyl-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,20 (s, 3 H) ; 2,26 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,61 to 2,71 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,57 (m, 2 H) ; 6,63 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,42 (t, J=2,3 Hz, 1 H) ; 8,01 (d, J=2,3 Hz, 1 H) ; 8,10 (d, J=2,3 Hz, 1 H) ; 9,43 (s, 1 H)	473
97		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-2-methyl-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 to 2,24 (m, 5 H) ; 2,20 (s, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,71 (t, J=7,2 Hz, 2 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 3,77 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,51 (d, J=8,4 Hz, 1 H) ; 6,55 (s, 2 H) ; 6,60 (d, J=9,0 Hz, 2 H) ; 6,69 (d,	503

				J=9,0 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,33 (d, J=8,4 Hz, 1 H) ; 9,41 (s, 1 H)	
98		6-(2,2-dimethyl-3H-benzofuran-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,35 (s, 6 H) ; 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,13 to 2,25 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 2,84 (s, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,47 (d, J=8,3 Hz, 1 H) ; 6,54 (m, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,68 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,81 (dd, J=2,5 and 8,3 Hz, 1 H) ; 6,91 (d, J=2,5 Hz, 1 H) ; 9,33 (s, 1 H)	528
99		6-(5-chloro-6-methoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,20 (m, 1 H) ; 2,33 (t, J=7,2 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,3 Hz, 2 H) ; 2,55 (dd, J=3,2 and 10,5 Hz, 1 H) ; 2,61 to 2,70 (m, 3 H) ; 2,80 (dd, J=6,1 and 10,5 Hz, 1 H) ; 3,86 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,79 (m, 1 H) ; 6,56 (s, 2 H) ; 6,69 (d, J=8,9 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,79 (d, J=8,9 Hz, 2 H) ; 7,61 (dd, J=2,3 Hz, 1 H) ; 7,82 (d, J=2,3 Hz, 1 H) ; 9,43 (s, 1 H)	523
100		6-(4-ethoxy-2,5-dimethylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,31 (t, J=7,1 Hz, 3 H) ; 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,01 (s, 6 H) ; 2,03 (m, 2 H) ; 2,10 (m, 2 H) ; 2,19 (m, 1 H) ; 2,37 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,61 (m, 1 H) ; 2,70 (m, 2 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 3,95 (m, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1	530

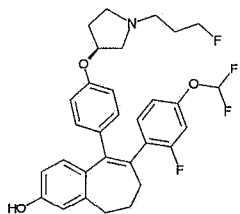
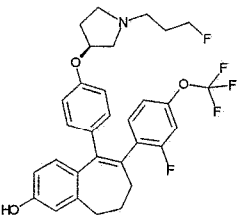
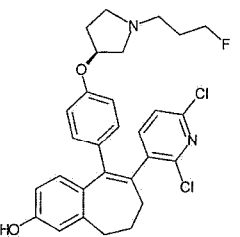
		nnulen-2-ol		H) ; 6,53 (s, 2 H) ; 6,55 (d, J=8,8 Hz, 2 H) ; 6,60 (s, 1 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,69 (t, J=1,0 Hz, 1 H) ; 6,80 (s, 1 H) ; 9,33 (s, 1 H)	
101		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-5-methyl-3-pyridyl)-8,9-dihydro-7H-benzo[7a]nnulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,03 (s, 3 H) ; 2,05 (m, 2 H) ; 2,15 to 2,25 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,79 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,54 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 7,32 (d, J=3,0 Hz, 1 H) ; 7,67 (d, J=3,0 Hz, 1 H) ; 9,39 (s, 1 H)	503
102		6-(5-fluoro-6-methoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7a]nnulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,13 to 2,28 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,68 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,86 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,56 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,79 (d, J=8,8 Hz, 2 H) ; 7,42 (dd, J=2,0 and 11,9 Hz, 1 H) ; 7,68 (d, J=2,0 Hz, 1 H) ; 9,42 (s, 1 H)	507
103		6-(3-chloro-4-ethoxy-2-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7a]nnulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,33 (t, J=7,2 Hz, 3 H) ; 1,68 (m, 1 H) ; 1,81 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,16 to 2,23 (m, 3 H) ; 2,40 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,68 (t, J=7,0 Hz, 2 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,10 (q, J=7,2 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1	554

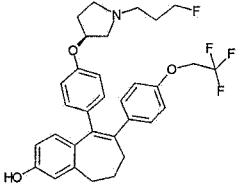
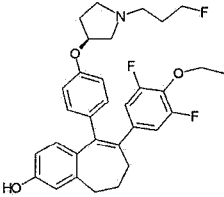
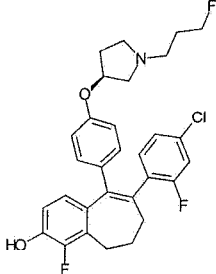
		nnulen-2-ol		H) ; 6,56 (m, 2 H) ; 6,63 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,83 (d, J=9,0 Hz, 1 H) ; 7,03 (t, J=9,0 Hz, 1 H) ; 9,40 (s, 1 H)	
104		6-(2-fluoro-6-methoxy-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,13 to 2,25 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,1 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,78 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,56 (s, 2 H) ; 6,61 (d, J=8,2 Hz, 1 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,59 (dd, J=8,2 and 10,1 Hz, 1 H) ; 9,44 (s, 1 H)	507
105		6-(3,5-difluoro-4-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,21 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,2 and 10,5 Hz, 1 H) ; 2,66 (m, 3 H) ; 2,80 (dd, J=6,2 and 10,5 Hz, 1 H) ; 3,85 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,79 (m, 1 H) ; 6,55 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 6,83 (d, J=10,0 Hz, 2 H) ; 9,44 (s, 1 H)	524
106		6-(1-ethylindol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,07 (t, J=7,4 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,00 (m, 2 H) ; 2,20 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (m, 2 H) ; 2,54 (m, 1 H) ; 2,65 (m, 3 H) ; 2,74 (t, J=7,2 Hz, 2 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,02 (q, J=7,4 Hz, 2 H) ; 3,22 (t, J=7,2 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,25 (d,	527

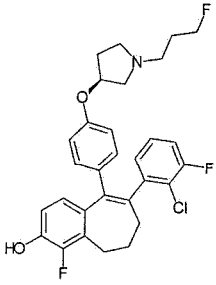
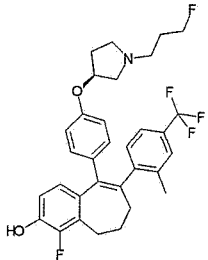
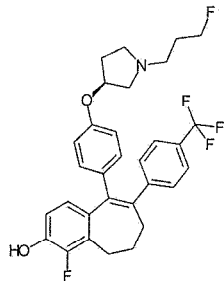
				J=8,2 Hz, 1 H) ; 6,52 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,65 (s, 1 H) ; 6,73 (m, 3 H) ; 6,81 (s, 1 H) ; 9,29 (s, 1 H)	
107		6-(2-ethoxypyrimidin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,28 (t, J=7,1 Hz, 3 H) ; 1,65 to 1,88 (m, 3 H) ; 2,08 (m, 2 H) ; 2,16 to 2,29 (m, 3 H) ; 2,35 to 2,58 (m, 4 H) ; 3,68 (m, 3 H) ; 2,80 (m, 1 H) ; 4,27 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,57 (s, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,80 (d, J=8,8 Hz, 2 H) ; 8,29 (s, 2 H) ; 9,46 (s, 1 H)	504
108		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 to 2,27 (m, 3 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,3 Hz, 1 H) ; 3,78 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,56 (s, 2 H) ; 6,63 (m, 3 H) ; 6,70 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 7,45 (dd, J=2,5 and 8,7 Hz, 1 H) ; 7,89 (d, J=2,5 Hz, 1 H) ; 9,40 (s, 1 H)	489
109		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methoxy-4-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,15 to 2,27 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,5 Hz, 1 H) ; 2,64 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,76 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,51 (s, 1 H) ; 6,57 (m, 2 H) ; 6,67 (m, 3 H) ; 6,70 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 7,92 (d, J=5,4 Hz, 1 H) ; 9,47 (s, 1 H)	489

110		6-(6-ethoxy-5-methyl-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,36 (t, J=7,3 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,02 (s, 3 H) ; 2,04 (m, 2 H) ; 2,15 to 2,25 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,1 and 10,4 Hz, 1 H) ; 2,66 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,22 (q, J=7,3 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,55 (s, 2 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,79 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 7,32 (d, J=2,6 Hz, 1 H) ; 7,62 (d, J=2,6 Hz, 1 H) ; 9,39 (s, 1 H)	517
111		6-(3-fluoro-4-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,15 to 2,27 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (m, dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,77 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,54 (s, 2 H) ; 6,63 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,86,85 to 6,92 (m, 2 H) ; 6,95 (t, J=8,7 Hz, 1 H) ; 9,38 (s, 1 H)	506
112		6-(2,4-difluoro-3-methoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,18 (m, 3 H) ; 2,39 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,69 (t, J=7,0 Hz, 2 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,74 (s, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,58 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,71 (m, 3 H) ; 6,90 (ddd, J=6,2 and 8,5 and 9,0 Hz, 1 H) ; 6,98 (ddd, J=2,2 and 9,0 and 11,0 Hz, 1 H) ; 9,43 (s, 1 H)	524

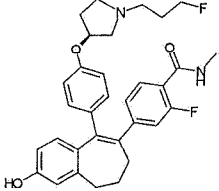
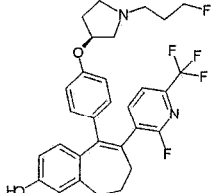
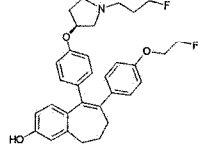
113		6-(4-chloro-3-methylphenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,18 (m, 1 H) ; 2,20 (s, 3 H) ; 2,26 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 1 H) ; 2,73 to 2,82 (m, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,40 (d, J=8,7 Hz, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (t, J=8,7 Hz, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 6,91 (dd, J=2,5 and 8,5 Hz, 1 H) ; 7,13 (d, J=2,5 Hz, 1 H) ; 7,18 (d, J=8,5 Hz, 1 H) ; 9,80 (m, 1 H)	524
114		1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,40 (d, J=8,3 Hz, 1 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,72 (m, 3 H) ; 7,15 (d, J=8,9 Hz, 2 H) ; 7,23 (d, J=8,9 Hz, 2 H) ; 9,79 (s, 1 H)	560
115		1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,18 (m, 3 H) ; 2,37 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,59 to 2,81 (m, 3 H) ; 2,99 (s, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,40 (d, J=8,6 Hz, 1 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,70 (d, J=8,8 Hz, 2 H) ; 6,74 (t, J=8,6 Hz, 1 H) ; 7,21 (dd, J=6,0 and 8,9 Hz, 1 H) ; 7,32 (dt J=3,0 and 8,9 Hz, 1 H) ; 7,60 (dd, J=3,0 and 9,5 Hz, 1 H) ; 9,80 (s, 1 H)	562

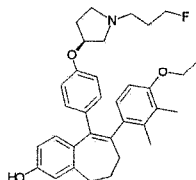
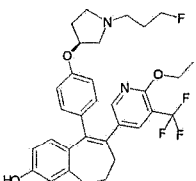
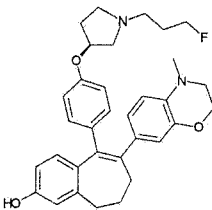
116		6-[4-(difluoromethoxy)-2-fluorophenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,12 to 2,25 (m, 3 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,59 to 2,72 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,56 (m, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,87 (dd, J=2,7 and 8,7 Hz, 1 H) ; 6,97 (dd, J=2,7 and 10,7 Hz, 1 H) ; 7,20 (t, J=8,7 Hz, 1 H) ; 7,23 (t, J=73,8 Hz, 1 H) ; 9,43 (s, 1 H)	542
117		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,19 (m, 3 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,63 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,58 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (d, J=8,8 Hz, 2 H) ; 6,72 (s, 1 H) ; 7,08 (d, J=8,6 Hz, 1 H) ; 7,22 (d, J=10,2 Hz, 1 H) ; 7,29 (t, J=8,6 Hz, 1 H) ; 9,44 (s, 1 H)	560
118		6-(2,6-dichloro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 to 2,17 (m, 5 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,63 (m, 1 H) ; 2,78 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,57 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 7,41 (d, J=8,7 Hz, 1 H) ; 7,68 (d, J=8,7 Hz, 1 H) ; 9,99 (s, 1 H)	527

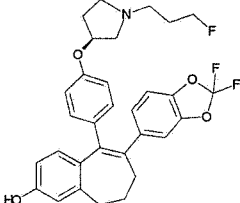
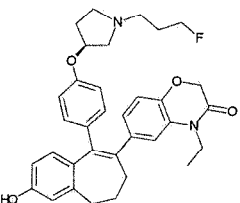
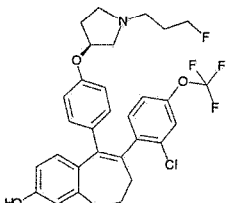
119		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(2,2,2-trifluoroethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,71 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,13 to 2,27 (m, 3 H) ; 2,40 (m, 1 H) ; 2,48 (m, 2 H) ; 2,55 (m, 1 H) ; 2,65 (m, 3 H) ; 2,80 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,68 (q, J=8,9 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,54 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,85 (d, J=9,0 Hz, 2 H) ; 7,08 (d, J=9,0 Hz, 2 H) ; 9,34 (s, 1 H)	556
120		6-(4-ethoxy-3,5-difluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,34 (t, J=7,2 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,27 to 2,37 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,56 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,67 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,09 (q, J=7,2 Hz, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,55 (s, 2 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,82 (d, J=9,9 Hz, 2 H) ; 9,41 (s, 1 H)	538
121		6-(4-chloro-2-fluorophenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,19 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,42 (d, J=8,0 Hz, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (m, 3 H) ; 7,12 (dd, J=2,5 and 8,3 Hz, 1 H) ; 7,20 (t, J=8,3 Hz, 1 H) ; 7,29 (dd, J=2,2 and 9,8 Hz, 1 H) ; 9,87 (s, 1 H)	528

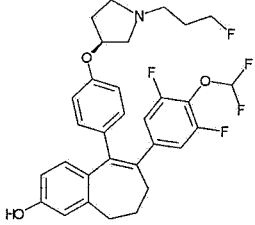
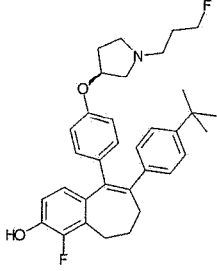
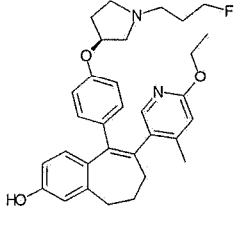
122		6-(2-chloro-3-fluoro-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,19 (m, 3 H) ; 2,36 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,62 (m, 1 H) ; 2,77 (m, 2 H) ; 2,99 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,41 (d, J=8,6 Hz, 1 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,75 (t, J=8,6 Hz, 1 H) ; 7,00 (m, 1 H) ; 7,20 (m, 2 H) ; 9,87 (s, 1 H)	528
123		1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-methyl-4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,18 (m, 3 H) ; 2,22 (s, 3 H) ; 2,35 (m, 1 H) ; 2,43 (t, J=7,2 Hz, 2 H) ; 2,51 (m, 1 H) ; 2,62 (m, 1 H) ; 2,77 (m, 1 H) ; 2,87 (m, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,41 (d, J=8,8 Hz, 1 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,75 (t, J=8,8 Hz, 1 H) ; 7,22 (dd, J=3,1 and 7,9 Hz, 1 H) ; 7,38 (d, J=7,9 Hz, 1 H) ; 7,48 (s, 1 H) ; 9,82 (s, 1 H)	558
124		1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,19 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,41 (d, J=8,7 Hz, 1 H) ; 6,63 (d, J=8,8 Hz, 2 H) ; 6,74 (t, J=8,7 Hz, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 7,35 (d, J=8,7 Hz, 2 H) ; 7,53 (d, J=8,7 Hz, 2 H) ; 9,88 (s, 1 H)	544

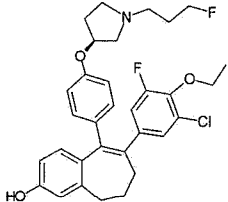
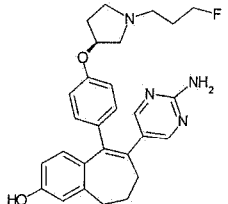
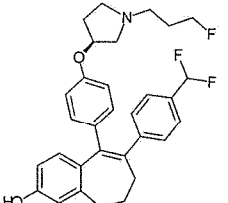
125		6-(6-ethoxy-2-methyl-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,25 (t, J=7,1 Hz, 3 H) ; 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 to 2,23 (m, 5 H) ; 2,15 (s, 3 H) ; 2,33 to 2,58 (m, 4 H) ; 2,60 to 2,73 (m, 4 H) ; 4,20 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,48 (d, J=8,7 Hz, 1 H) ; 6,55 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,32 (d, J=8,7 Hz, 1 H) ; 9,38 (s, 1 H)	517
126		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-methylindol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,17 (m, 1 H) ; 2,31 (t, J=7,0 Hz, 2 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,69 (t, J=7,0 Hz, 2 H) ; 2,76 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,71 (s, 3 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,69 (m, 1 H) ; 6,27 (d, J=3,2 Hz, 1 H) ; 6,63 (d, J=8,8 Hz, 2 H) ; 6,65 (s, 2 H) ; 6,69 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,93 (dd, J=1,8 and 8,6 Hz, 1 H) ; 7,19 (d, J=8,6 Hz, 1 H) ; 7,22 (d, J=3,2 Hz, 1 H) ; 7,32 (d, J=1,8 Hz, 1 H) ; 9,32 (s, 1 H)	511
127		6-(6-chloro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,21 (m, 1 H) ; 2,27 (t, J=7,0 Hz, 2 H) ; 2,35 to 2,59 (m, 4 H) ; 2,69 (m, 3 H) ; 2,81 (m, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,57 (s, 2 H) ; 6,68 (d, J= 8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,77 (d, J=8,8 Hz, 2 H) ; 7,34 (d, J=8,3 Hz, 1 H) ; 7,62 (dd, J=2,6 and 8,3 Hz, 1 H) ; 8,08 (d, J=2,6 Hz, 1 H) ; 9,46 (s, 1 H)	493

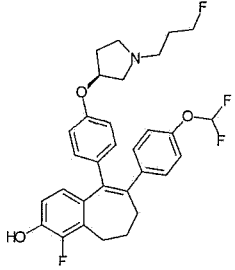
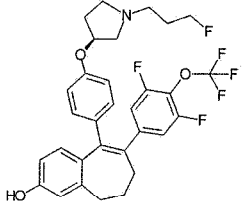
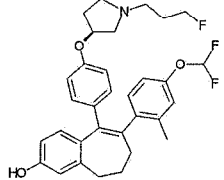
128		2-fluoro-4-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-N-methylbenzamide	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 to 2,30 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,67 (m, 3 H) ; 2,74 (d, J=4,8 Hz, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,56 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 6,98 (dd, J=1,6 and 4,8 Hz, 1 H) ; 7,01 (s, 1 H) ; 7,42 (t, J=8,1 Hz, 1 H) ; 8,09 (m, 1 H) ; 9,43 (s, 1 H)	: 533
129		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-6-(trifluoromethyl)-3-pyridyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,10 (m, 2 H) ; 2,20 (m, 1 H) ; 2,26 (t, J=7,0 Hz, 2 H) ; 2,40 (m, 1 H) ; 2,48 (t, J=7,0 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,66 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H) ; 2,79 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,59 (s, 2 H) ; 6,66 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,74 (s, 1 H) ; 7,74 (dd, J=17 and 8,2 Hz, 1 H) ; 8,02 (t, J=8,2 Hz, 1 H) ; 9,50 (s, 1 H)	545
130		6-[4-(2-fluoroethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,15 to 2,27 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,16 (dm, J=30,3 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,69 (dm, J=48,6 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,54 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,68 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,76 (d, J=8,9 Hz, 2 H) ; 7,04 (d, J=8,9	520

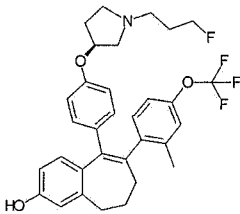
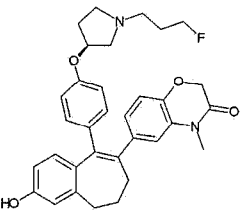
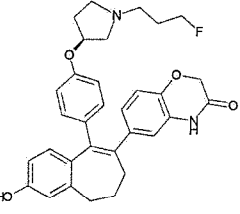
				Hz, 2 H) ; 9,31 (s, 1 H)	
131		6-(4-ethoxy-2,3-dimethylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	1H NMR (400 MHz, DMSO-d6, δ ppm): 0,80 (t, J=7,1 Hz, 3 H) ; 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,03 (s, 3 H) ; 2,10 (s, 3 H) ; 2,12 to 2,22 (m, 3 H) ; 2,25 to 2,58 (m, 4 H) ; 2,63 (m, 2 H) ; 2,79 (m, 2 H) ; 3,92 (m, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,54 (d, J=8,8 Hz, 2 H) ; 6,56 (s, 2 H) ; 6,59 (d, J=8,6 Hz, 1 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,6 Hz, 1 H) ; 9,30 (s, 1 H)	530
132		6-[6-ethoxy-5-(trifluoromethyl)-3-pyridyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	1H NMR (400 MHz, DMSO-d6, δ ppm): 1,28 (t, J=7,1 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,20 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,37 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,79 (m, 1 H) ; 6,58 (m, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (m, 1 H) ; 6,78 (d, J=8,8 Hz, 2 H) ; 7,68 (d, J=2,7 Hz, 1 H) ; 8,15 (d, J=2,7 Hz, 1 H) ; 9,43 (s, 1 H)	571
133		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methyl-2,3-dihydro-1,4-benzoxazin-7-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	1H NMR (400 MHz, DMSO-d6, δ ppm): 1,71 (m, 1 H) ; 1,81 (dm, J=25,3 Hz, 2 H) ; 2,00 (m, 2 H) ; 2,15 to 2,25 (m, 3 H) ; 2,40 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,56 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,76 (s, 3 H) ; 2,81 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,17 (m, 2 H) ; 4,12 (m, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,42 (d, J=2,2 Hz, 1 H) ; 6,47 (d, J=8,5 Hz, 1 H) ; 6,52 (s, 2 H) ; 6,53 (dd, J=2,2 and 8,5 Hz, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H)	529

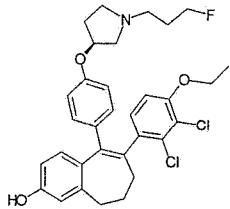
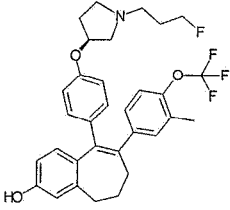
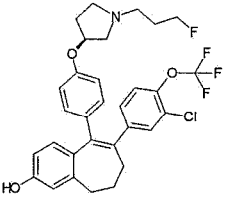
				H) ; 6,65 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 9,28 (s, 1 H)	
134		6-(2,2-difluoro-1,3-benzodioxol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,25 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,61 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,56 (s, 2 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 6,92 (dd, J=2,0 and 8,5 Hz, 1 H) ; 7,25 (d, J=2,0 Hz, 1 H) ; 7,28 (d, J=8,5 Hz, 1 H) ; 9,39 (s, 1 H)	538
135		4-ethyl-6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-1,4-benzoxazin-3-one	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 0,80 (t, J=7,1 Hz, 3 H) ; 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,60 to 2,72 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,67 (q, J=7,1 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,55 (s, 2 H) ; 4,73 (m, 1 H) ; 6,55 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,78 (d, J=8,8 Hz, 2 H) ; 6,82 (s, 1 H) ; 6,85 (s, 2 H) ; 9,38 (s, 1 H)	557
136		6-[2-chloro-4-(trifluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,19 (m, 3 H) ; 2,36 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,78 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,57 (s, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,70 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,19 (d, J=8,3 Hz, 1 H) ; 7,25 (d, J=8,3	576

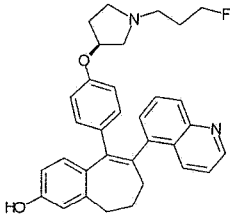
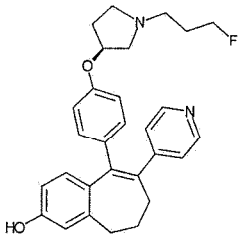
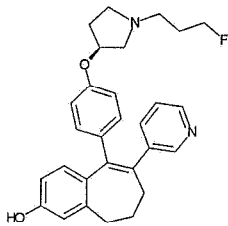
		ol		Hz, 1 H) ; 7,50 (s, 1 H) ; 9,45 (s, 1 H)	
137		6-[(4-(difluoromethoxy)-3,5-difluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,16 to 2,28 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,67 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,57 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,78 (d, J=8,8 Hz, 2 H) ; 6,99 (d, J=8,4 Hz, 2 H) ; 7,19 (t, J=72,5 Hz, 1 H) ; 9,38 (s, 1 H)	560
138		6-(4-tert-butylphenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,22 (s, 9 H) ; 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,25 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,65 (m, 1 H) ; 2,77 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,39 (d, J=8,5 Hz, 1 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,72 (m, 3 H) ; 7,04 (d, J=8,5 Hz, 2 H) ; 7,19 (d, J=8,5 Hz, 2 H) ; 9,74 (s, 1 H)	532
139		6-(6-ethoxy-4-methyl-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,25 (t, J=7,2 Hz, 3 H) ; 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,01 to 2,25 (m, 5 H) ; 2,12 (s, 3 H) ; 2,35 to 2,88 (m, 8 H) ; 4,19 (m, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,54 (s, 2 H) ; 6,56 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,70 (s, 1 H) ; 9,38 (s, 1 H)	517

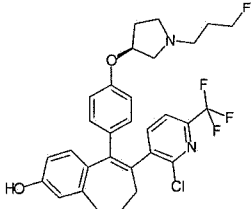
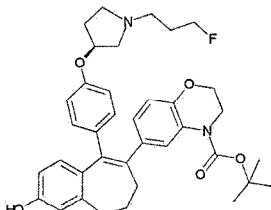
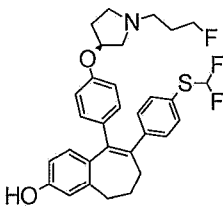
140		6-(3-chloro-4-ethoxy-5-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,25 (t, J=7,2 Hz, 3 H) ; 1,70 (m, 1 H) ; 1,81 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 to 2,17 (m, 3 H) ; 2,39 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,05 (q, J=7,2 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,56 (m, 2 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,68 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 6,97 (dd, J=2,5 and 12,5 Hz, 1 H) ; 6,99 (t, J=2,5 Hz, 1 H) ; 9,42 (s, 1 H)	554
141		6-(2-aminopyrimidin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,71 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,17 to 2,26 (m, 3 H) ; 2,40 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,57 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,82 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,43 (s, 2 H) ; 6,55 (s, 2 H) ; 6,68 (s, 1 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,81 (d, J=8,8 Hz, 2 H) ; 7,95 (s, 2 H) ; 9,34 (s, 1 H)	475
142		6-[4-(difluoromethyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,19 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,55 (m, 1 H) ; 2,68 (m, 3 H) ; 2,80 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,56 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,92 (t, J=56,1 Hz, 1 H) ; 7,24 (d, J=8,3 Hz, 2 H) ; 7,36 (d, J=8,3 Hz, 2 H) ; 9,40 (s, 1 H)	508

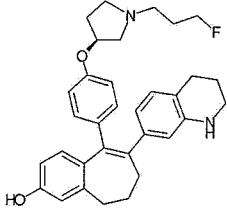
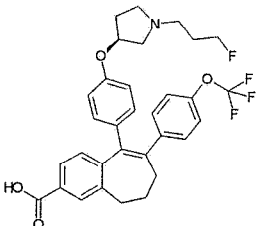
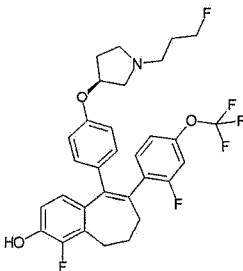
143		6-[4-(difluoromethoxy)phenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,20 (m, 1 H) ; 2,26 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 1 H) ; 2,78 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,40 (d, J=8,6 Hz, 1 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 3 H) ; 6,98 (d, J=8,8 Hz, 2 H) ; 7,18 (d, J=8,8 Hz, 2 H) ; 7,19 (t, J=74,3 Hz, 1 H) ; 9,80 (s, 1 H)	542
144		6-[3,5-difluoro-4-(trifluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,20 (m, 1 H) ; 2,25 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,67 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,79 (m, 1 H) ; 6,57 (s, 2 H) ; 6,69 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 7,10 (d, J=9,8 Hz, 2 H) ; 9,48 (s, 1 H)	578
145		6-[4-(difluoromethoxy)-2-methylphenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,02 to 2,23 (m, 5 H) ; 2,12 (s, 3 H) ; 2,37 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,59 to 2,81 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,56 (s, 2 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,83 (dd, J=2,5 and 8,7 Hz, 1 H) ; 6,91 (d, J=2,5 Hz, 1 H) ; 7,05 (d, J=8,7 Hz, 1 H) ; 7,15 (t, J=74,5 Hz, 1 H) ; 9,38 (s, 1 H)	538

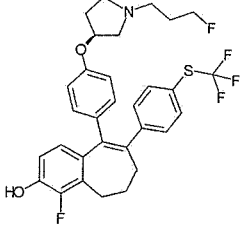
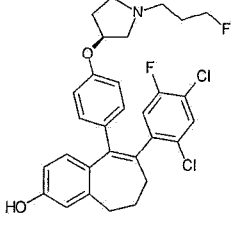
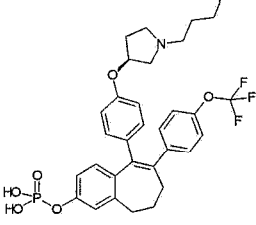
146		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-methyl-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,02 to 2,13 (m, 5 H) ; 2,16 (s, 3 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,59 to 2,81 (m, 4 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 (d, J=8,8 Hz, 2 H) ; 6,58 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 7,01 (d, J=9,1 Hz, 1 H) ; 7,10 (d, J=2,8 Hz, 1 H) ; 7,12 (dd, J=2,9 and 9,1 Hz, 1 H) ; 9,40 (s, 1 H)	556
147		6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-4-methyl-1,4-benzoxazin-3-one	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,20 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,68 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,00 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,59 (s, 2 H) ; 4,75 (m, 1 H) ; 6,58 (m, 2 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,69 (m, 1 H) ; 6,77 (d, J=8,8 Hz, 2 H) ; 6,79 (m, 2 H) ; 6,82 (s, 1 H) ; 9,39 (s, 1 H)	543
148		6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-4H-1,4-benzoxazin-3-one	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,20 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,80 (d, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,51 (s, 2 H) ; 4,75 (m, 1 H) ; 6,55 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,64 (s, 1 H) ; 6,68 to 6,76 (m, 5 H) ; 9,38 (s, 1 H) ; 10,51 (s, 1 H)	529

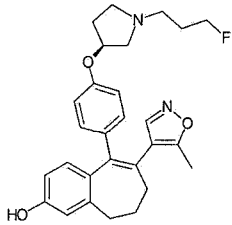
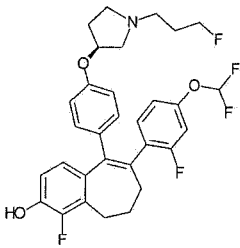
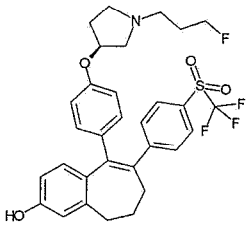
149		6-(2,3-dichloro-4-ethoxyphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,31 (t, J=7,1 Hz, 3 H) ; 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,12 to 2,25 (m, 3 H) ; 2,38 (m, 1 H) ; 2,42 to 2,56 (m, 3 H) ; 2,60 to 2,85 (m, 4 H) ; 4,08 (m, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,56 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,9 Hz, 1 H) ; 7,02 (d, J=8,9 Hz, 1 H) ; 9,40 (s, 1 H)	570
150		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[3-methyl-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,13 (s, 3 H) ; 2,19 (m, 1 H) ; 2,26 (m, 2 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,57 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,00 (dd, J=2,3 and 8,5 Hz, 1 H) ; 7,17 (d, J=8,5 Hz, 1 H) ; 7,25 (d, J=2,3 Hz, 1 H) ; 9,40 (s, 1 H)	556
151		6-[3-chloro-4-(trifluoromethoxy)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,19 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,67 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,58 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,19 (dd, J=2,2 and 8,6 Hz, 1 H) ; 7,34 (qd, J=1,6 and 8,6 Hz, 1 H) ; 7,36 (d, J=2,2 Hz, 1 H) ; 9,44 (s, 1 H)	576

152		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-quinolyl)-8,9-dihydro-7H-benzo[7a]nnulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,57 (m, 1 H) ; 1,75 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 3 H) ; 2,21 (m, 1 H) ; 2,31 (m, 1 H) ; 2,36 to 2,52 (m, 4 H) ; 2,58 (m, 1 H) ; 2,69 (m, 1 H) ; 2,79 (m, 1 H) ; 2,90 (m, 1 H) ; 4,43 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,61 (m, 1 H) ; 6,43 (d, J=8,8 Hz, 2 H) ; 6,61 (m, 4 H) ; 6,75 (d, J=2,5 Hz, 1 H) ; 7,31 (d, J=7,8 Hz, 1 H) ; 7,48 (dd, J=4,5 and 8,5 Hz, 1 H) ; 7,59 (m, 1 H) ; 7,82 (d, J=8,5 Hz, 1 H) ; 8,30 (d, J=8,9 Hz, 1 H) ; 8,84 (dd, J=2,0 and 4,5 Hz, 1 H) ; 9,42 (s, 1 H)	509
153		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-pyridyl)-8,9-dihydro-7H-benzo[7a]nnulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,20 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,63 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,55 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 7,08 (d, J=6,3 Hz, 2 H) ; 8,032 (d, J=6,3 Hz, 2 H) ; 9,48 (s, 1 H)	459
154		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-pyridyl)-8,9-dihydro-7H-benzo[7a]nnulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,72 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,57 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,22 (dd, J=5,0 and 8,3 Hz, 1 H) ; 7,57 (td, J=2,3 and 8,3 Hz, 1 H)	459

				H) ; 8,23 (d, J=2,3 Hz, 1 H) ; 8,27 (dd, J=2,3 and 5,0 Hz, 1 H) ; 9,44 (s, 1 H)	
155		6-[2-chloro-6-(trifluoromethyl)-3-pyridyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,06 to 2,31 (m, 5 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,64 (m, 1 H) ; 2,79 (m, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,59 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,73 (m, 3 H) ; 7,78 (d, J=9,0 Hz, 1 H) ; 7,89 (d, J=9,0 Hz, 1 H) ; 9,49 (s, 1 H)	561
156		tert-butyl 6-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]-2,3-dihydro-1,4-benzoxazine-4-carboxylate	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,34 (s, 9 H) ; 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,13 to 2,27 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,65 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,71 (t, J=4,5 Hz, 2 H) ; 4,15 (t, J=4,5 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,54 (m, 2 H) ; 6,58 to 6,65 (m, 4 H) ; 6,68 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,58 (s, 1 H) ; 9,32 (s, 1 H)	615
157		6-[4-(difluoromethylsulfanyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,19 (m, 1 H) ; 2,27 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,66 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,57 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,20 (d, J=8,6 Hz, 2 H) ; 7,36 (d, J=8,6 Hz, 2 H)	540

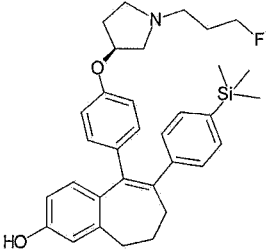
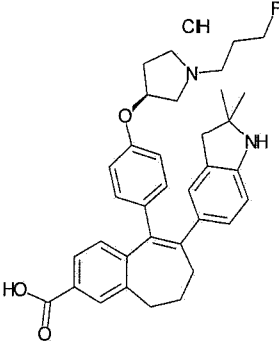
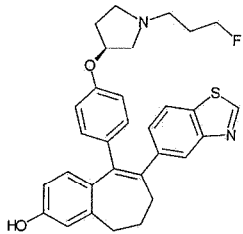
				H) ; 7,42 (t, J=56,1 Hz, 1 H) ; 9,41 (s, 1 H)	
158		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[(1,2,3,4-tetrahydroquinolin-7-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 to 1,88 (m, 5 H) ; 2,01 (m, 2 H) ; 2,15 (t, J=7,0 Hz, 2 H) ; 2,21 (m, 1 H) ; 2,39 (m, 1 H) ; 2,43 to 2,79 (m, 8 H) ; 2,80 (m, 1 H) ; 3,10 (m, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 5,40 (s, 1 H) ; 6,15 (d, J=8,3 Hz, 1 H) ; 6,25 (s, 1 H) ; 6,53 (s, 2 H) ; 6,55 to 6,62 (m, 3 H) ; 6,67 (s, 1 H) ; 6,78 (d, J=8,8 Hz, 2 H) ; 9,31 (s, 1 H)	513
159		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,12 (t, J=7,0 Hz, 2 H) ; 2,20 (m, 1 H) ; 2,27 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,0 and 10,5 Hz, 1 H) ; 2,65 (m, 1 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 2,84 (t, J=7,0 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,87 (d, J=8,4 Hz, 1 H) ; 7,19 (d, J=8,5 Hz, 2 H) ; 7,28 (d, J=8,5 Hz, 2 H) ; 7,74 (dd, J=1,9 and 8,4 Hz, 1 H) ; 7,90 (d, J=1,9 Hz, 1 H) ; 12,84 (m, 1 H)	570
160		1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,03 to 2,24 (m, 3 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,1 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,41 (d, J=8,7 Hz, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,75 (t, J=8,7 Hz, 1 H) ; 7,09 (dd, J=3,0 and 8,6 Hz, 1 H) ; 7,23 (dd, J=3,0 and 10,3 Hz, 1	578

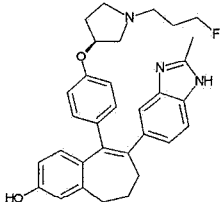
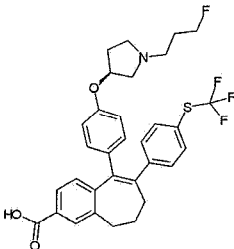
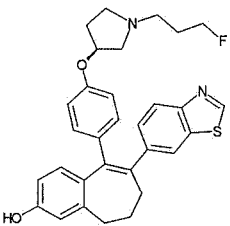
				H) ; 7,30 (t, J=8,6 Hz, 1 H) ; 9,89 (m, 1 H)	
161		1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethylsulfanyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,5 Hz, 1 H) ; 2,64 (m, 1 H) ; 2,79 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,41 (d, J=8,7 Hz, 1 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,73 (t, J=8,7 Hz, 1 H) ; 7,28 (d, J=8,4 Hz, 2 H) ; 7,50 (d, J=8,4 Hz, 2 H) ; 9,82 (m, 1 H)	576
162		6-(2,4-dichloro-5-fluorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,12 to 2,14 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,86 (m, 4 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,57 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 7,29 (d, J=9,9 Hz, 1 H) ; 7,73 (d, J=7,1 Hz, 1 H) ; 9,47 (s, 1 H)	544
163		[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-yl] dihydrogen phosphate		¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,82 to 2,11 (m, 5 H) ; 2,27 (m, 3 H) ; 2,70 (t, J=7,0 Hz, 2 H) ; 2,80 to 3,30 (m, 6 H) ; 4,50 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,83 (m, 1 H) ; 6,57 (d, J=8,8 Hz, 1 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,70 (d, J=8,8 Hz, 2 H) ; 6,90 (dd, J=3,3 and 8,8 Hz, 1 H) ; 7,10 (d, J=3,3 Hz, 1 H) ; 7,15 (d, J=8,8 Hz, 2 H) ; 7,23 (d, J=8,8 Hz, 2 H)	622

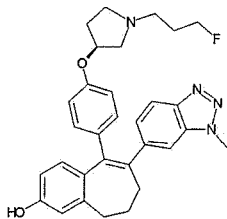
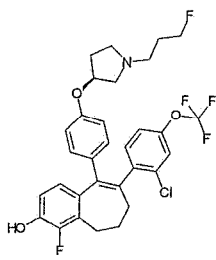
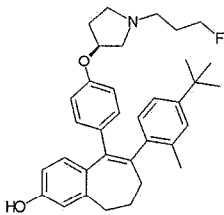
164		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(5-methylisoxazol-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 to 1,90 (m, 3 H) ; 1,81 (s, 3 H) ; 2,04 (m, 2 H) ; 2,12 (m, 2 H) ; 2,22 (m, 1 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,58 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,59 to 2,71 (m, 3 H) ; 2,81 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,80 (m, 1 H) ; 6,57 (s, 2 H) ; 6,70 (s, 1 H) ; 6,71 (d, J=8,8 Hz, 2 H) ; 6,80 (d, J=8,8 Hz, 2 H) ; 8,39 (s, 1 H) ; 9,42 (s, 1 H)	463
165		6-[4-(difluoromethoxy)-2-fluorophenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 3 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,40 (d, J=8,5 Hz, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,74 (t, J=8,5 Hz, 1 H) ; 6,89 (dd, J=2,5 and 8,7 Hz, 1 H) ; 6,99 (dd, J=2,5 and 10,8 Hz, 1 H) ; 7,22 (t, J=8,7 Hz, 1 H) ; 7,25 (t, J=73,8 Hz, 1 H) ; 9,83 (s, 1 H)	560
166		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethylsulfonyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,17 (m, 1 H) ; 2,30 to 2,40 (m, 3 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,72 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,59 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,71 (d, J=8,8 Hz, 2 H) ; 6,73 (s, 1 H) ; 7,54 (d, J=8,8 Hz, 2 H) ; 7,90 (d, J=8,8 Hz, 2 H) ; 9,55 (s, 1 H)	590

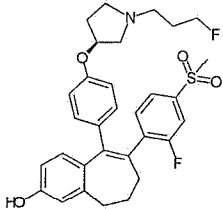
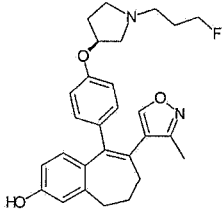
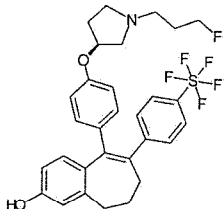
167		6-(3,4-dihydro-2H-1,4-benzoxazin-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol hydrochloride	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,92 to 2,60 (m, 8 H) ; 2,62 (t, J=7,0 Hz, 2 H) ; 3,11 to 4,00 (m, 8 H) ; 4,11 (m, 2 H) ; 4,53 (td, J=6,1 and 47,5 Hz, 2 H) ; 5,03 (m, 0,5 H) ; 5,09 (m, 0,5 H) ; 6,31 (d, J=8,5 Hz, 1 H) ; 6,47 (d, J=8,5 Hz, 1 H) ; 6,50 to 6,58 (m, 3 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,80 (d, J=8,8 Hz, 2 H) ; 9,38 (m, 1 H) ; 10,50 (m, 0,5 H) ; 11,03 (m, 0,5 H)	515
168		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[2-fluoro-4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,10 to 2,23 (m, 5 H) ; 2,38 (m, 1 H) ; 2,42 to 2,55 (m, 3 H) ; 2,62 (m, 1 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 2,85 (m, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,86 (d, J=8,2 Hz, 1 H) ; 7,11 (d, J=8,6 Hz, 1 H) ; 7,29 (d, J=10,2 Hz, 1 H) ; 7,35 (t, J=8,6 Hz, 1 H) ; 7,73 (dd, J=2,0 and 8,2 Hz, 1 H) ; 7,89 (d, J=2,0 Hz, 1 H) ; 12,96 (m, 1 H)	588
169		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-isoxazol-4-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,75 to 1,90 (m, 3 H) ; 2,11 (m, 2 H) ; 2,27 (m, 3 H) ; 2,38 to 2,55 (m, 4 H) ; 2,60 (t, J=7,0 Hz, 2 H) ; 2,62 to 2,75 (m, 2 H) ; 2,85 (m, 1 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,85 (m, 1 H) ; 6,55 (m, 2 H) ; 6,69 (d, J=1,5 Hz, 1 H) ; 6,82 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,8 Hz, 2 H) ; 7,55 (s, 1 H) ; 8,74 (s, 1 H) ; 9,43 (s, 1 H)	449

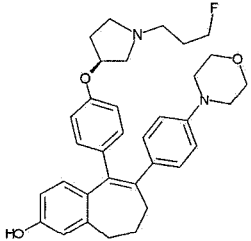
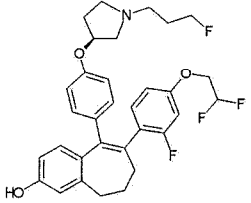
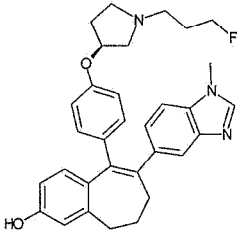
170		6-(6-ethoxy-5-fluoro-3-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,30 t, J=7,1 Hz, 3 H ; 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 to 2,18 (m, 3 H) ; 2,39 (m, 1 H) ; 2,48 (m, 2 H) ; 2,56 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,72 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,30 (q, J=7,1 Hz, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,55 (s, 2 H) ; 6,68 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,78 (d, J=8,6 Hz, 2 H) ; 7,43 (dd, J=2,1 and 11,9 Hz, 1 H) ; 7,65 (d, J=2,1 Hz, 1 H) ; 9,44 (s, 1 H)	521
171		6-fluoro-5-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]pyridin-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 (t, J=7,0 Hz, 2 H) ; 2,20 (m, 1 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,67 (m, 3 H) ; 2,80 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,40 (dd, J=1,5 and 8,2 Hz, 1 H) ; 6,56 (m, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 7,72 (d, J=8,8 Hz, 2 H) ; 7,48 (dd, J=8,2 and 10,4 Hz, 1 H) ; 9,42 (s, 1 H) ; 11,11 (m, 1 H)	493
172		6-(6-tert-butyl-2-fluoro-4-pyridyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,01 (s, 9 H) ; 1,67 (m, 1 H) ; 1,77 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,19 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,51 (m, 1 H) ; 2,60 to 2,70 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,57 (m, 2 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,71 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,78 (s, 1 H) ; 6,81 (s, 1 H) ; 9,51 (s, 1 H)	533

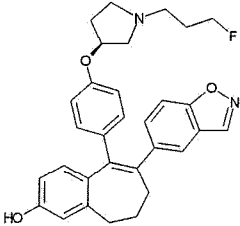
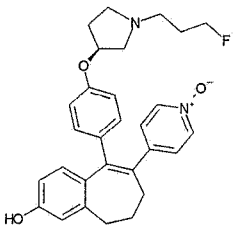
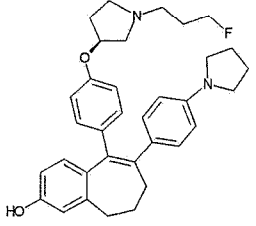
173		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-trimethylsilylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 0,20 (s, 9 H) ; 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,19 (m, 1 H) ; 2,26 (t, J=7,0 Hz, 2 H) ; 2,27 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,62 to 2,70 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,54 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,11 (d, J=8,0 Hz, 2 H) ; 7,30 (d, J=8,0 Hz, 2 H) ; 9,41 (s, 1 H)	530
174		6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,18 (s, 6 H) ; 1,70 to 3,00 (m, 12 H) ; 2,22 (t, J=7,0 Hz, 2 H) ; 2,58 (s, 2 H) ; 2,79 (t, J=7,0 Hz, 2 H) ; 4,50 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,89 (m, 1 H) ; 5,51 (s, 1 H) ; 6,20 (d, J=8,2 Hz, 1 H) ; 6,65 to 3,73 (m, 3 H) ; 6,79 (m, 3 H) ; 6,82 (d, J=8,2 Hz, 1 H) ; 7,70 (dd, J=2,5 and 8,2 Hz, 1 H) ; 7,85 (d, J=2,5 Hz, 1 H) ; 12,79 (s, 1 H)	555
175		6-(1,3-benzothiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (500 MHz, DMSO-d ₆ , δ ppm) : 1,65 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,17 (m, 1 H) ; 2,34 (m, 3 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H) ; 2,76 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,58 (m, 4 H) ; 6,71 (s, 1 H) ; 6,78 (d, J=8,8 Hz, 2 H) ; 7,23 (dd, J=1,8 and 8,4 Hz, 1 H) ; 7,83 (d, J=1,8 Hz, 1 H) ; 7,92 (d, J=8,4 Hz, 1 H) ; 9,31 (s, 1 H) ; 9,41 (s, 1 H)	515

176		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1H-benzimidazol-5-yl)-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,17 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,41 (s, 3 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,62 (m, 1 H) ; 2,69 (t, J=7,0 Hz, 2 H) ; 2,78 (dd, J=6,5 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,54 (d, J=8,8 Hz, 2 H) ; 6,56 (s, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,89 (dd, J=1,7 and 8,4 Hz, 1 H) ; 7,10 to 7,28 (m, 2 H) ; 9,38 (s, 1 H) ; 12,00 (m, 1 H)	512
177		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethylsulfanyl)phenyl]-8,9-dihydro-7H-benzo[7a]nulen-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,11 (m, 2 H) ; 2,20 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,65 (m, 1 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 2,83 (t, J=7,0 Hz, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,83 (d, J=8,1 Hz, 1 H) ; 7,31 (d, J=8,3 Hz, 2 H) ; 7,53 (d, J=8,3 Hz, 2 H) ; 7,72 (dd, J=1,9 and 8,3 Hz, 1 H) ; 7,88 (d, J=1,9 Hz, 1 H) ; 12,90 (m, 1 H)	586
178		6-(1,3-benzothiazol-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,16 (m, 1 H) ; 2,35 (m, 3 H) ; 2,43 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,71 (t, J=7,2 Hz, 2 H) ; 2,76 (dd, J=6,3 and 10,5 Hz, 1 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 to 6,62 (m, 4 H) ; 6,71 (d, J=2,5 Hz, 1 H) ; 6,73 (d, J=8,9 Hz, 2 H) ; 7,25 (dd, J=1,8 and 8,5 Hz, 1 H) ; 7,82 (d, J=8,5	515

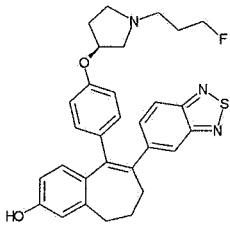
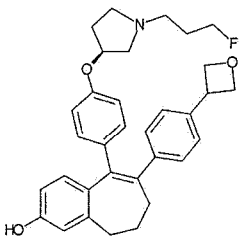
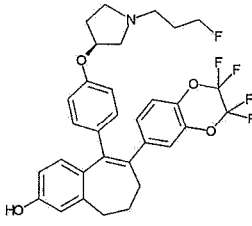
				Hz, 1 H) ; 7,94 (d, J=1,8 Hz, 1 H) ; 9,29 (s, 1 H) ; 9,31 (s, 1 H)	
179		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methylbenzotriazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,17 (m, 1 H) ; 2,31 to 2,53 (m, 6 H) ; 2,62 (m, 1 H) ; 2,72 (t, J=7,2 Hz, 2 H) ; 2,77 (dd, J=6,1 and 10,4 Hz, 1 H) ; 4,20 (s, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,57 (d, J=8,9 Hz, 2 H) ; 6,59 (s, 2 H) ; 6,71 (s, 1 H) ; 6,72 (d, J=8,9 Hz, 2 H) ; 7,05 (dd, J=1,5 and 8,7 Hz, 1 H) ; 7,68 (s, 1 H) ; 7,70 (d, J=8,7 Hz, 1 H) ; 9,42 (s, 1 H)	513
180		6-[2-chloro-4-(trifluoromethoxy)phenyl]-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,03 to 2,28 (m, 5 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,70 to 2,81 (m, 2 H) ; 2,99 (m, 1 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,42 (d, J=8,6 Hz, 1 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,75 (t, J=8,6 Hz, 1 H) ; 7,20 (d, J=8,5 Hz, 1 H) ; 7,27 (dd, J=2,1 and 8,5 Hz, 1 H) ; 7,51 (d, J=2,1 Hz, 1 H) ; 9,85 (s, 1 H)	594
181		6-(4-tert-butyl-2-methylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,21 (s, 9 H) ; 1,68 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,00 to 2,24 (m, 5 H) ; 2,11 (s, 3 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,62 (m, 1 H) ; 2,69 to 2,80 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,53 (d, J=8,8 Hz, 2 H) ; 6,56 (s, 2 H) ; 6,66 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,92 (dd, J=3,3 and 8,1 Hz, 1 H) ; 7,04 (d, J=8,1 Hz, 1 H) ; 7,09 (s, 1 H) ; 9,33 (s, 1 H)	528

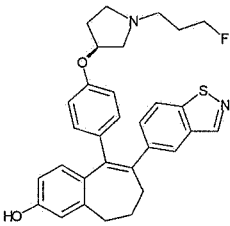
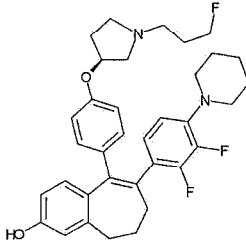
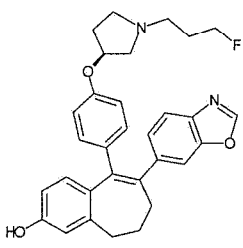
182		6-(2-fluoro-4-methylsulfonylphenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,12 to 2,26 (m, 3 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,62 (m, 1 H) ; 2,71 (t, J=7,3 Hz, 2 H) ; 2,79 (dd, J=6,1 and 10,4 Hz, 1 H) ; 3,22 (s, 3 H) ; 4,47 (td, J=6,2 and 47,6 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,59 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (m, 3 H) ; 7,47 (t, J=8,0 Hz, 1 H) ; 7,59 (dd, J=1,8 and 8,0 Hz, 1 H) ; 7,62 (dd, J=1,8 and 9,1 Hz, 1 H) ; 9,49 (s, 1 H)	554
183		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methylisoxazol-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,64 (s, 3 H) ; 1,71 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,15 (m, 2 H) ; 2,21 (m, 1 H) ; 2,40 (m, 1 H) ; 2,49 (m, 2 H) ; 2,53 to 2,71 (m, 4 H) ; 2,82 (m, 1 H) ; 4,47 (td, J=6,0 and 47,5 Hz, 2 H) ; 4,80 (m, 1 H) ; 6,58 (m, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,9 Hz, 2 H) ; 6,81 (d, J=8,9 Hz, 2 H) ; 8,72 (s, 1 H) ; 9,42 (s, 1 H)	463
184		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(pentafluorosulfanyl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,29 (t, J=7,0 Hz, 2 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,55 (m, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,56 (s, 2 H) ; 6,64 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 7,31 (d, J=9,0 Hz, 2 H) ; 7,68 (d, J=9,0 Hz, 2 H) ; 9,46 (s, 1 H)	584

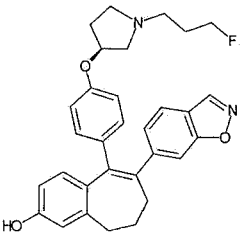
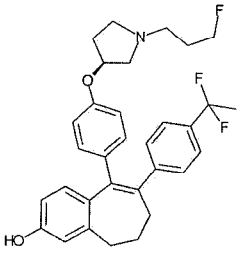
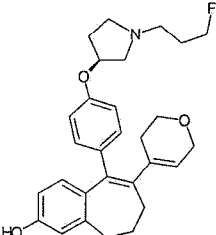
185		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-morpholinophenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,01 (m, 2 H) ; 2,15 to 2,26 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,05 (m, 4 H) ; 3,70 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,54 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,67 (s, 1 H) ; 6,71 (d, J=8,8 Hz, 2 H) ; 6,74 (d, J=9,0 Hz, 2 H) ; 6,98 (d, J=9,0 Hz, 2 H) ; 9,31 (s, 1 H)	543
186		6-[4-(2,2-difluoroethoxy)-2-fluorophenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,13 to 2,23 (m, 3 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,62 (m, 1 H) ; 2,69 (t, J=7,0 Hz, 2 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,29 (dt, J=3,7 and 14,8 Hz, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,35 (tt, J=3,7 and 54,5 Hz, 1 H) ; 6,55 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (dd, J=2,7 and 8,7 Hz, 1 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,79 (dd, J=2,7 and 11,9 Hz, 1 H) ; 7,07 (t, J=8,7 Hz, 1 H) ; 9,39 (s, 1 H)	556
187		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-methylbenzimidazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,17 (m, 1 H) ; 2,32 (t, J=7,2 Hz, 2 H) ; 2,48 (m, 1 H) ; 2,44 (t, J=7,0 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,70 (t, J=7,0 Hz, 2 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,78 (s, 3 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,54 (d, J=8,8 Hz, 2 H) ; 6,57 (s, 2	512

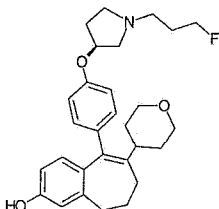
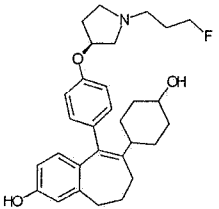
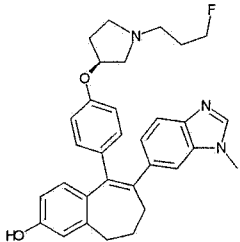
				H) ; 6,70 (s, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 7,03 (d, J=8,4 Hz, 1 H) ; 7,32 (d, J=8,4 Hz, 1 H) ; 7,40 (s, 1 H) ; 8,07 (s, 1 H) ; 9,31 (s, 1 H)	
188		6-(1,2-benzoxazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,21 (m, 3 H) ; 2,40 (m, 1 H) ; 2,48 (t, J=7,3 Hz, 2 H) ; 2,56 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,80 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,78 (m, 1 H) ; 6,54 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,79 (d, J=9,0 Hz, 1 H) ; 7,20 (dd, J=2,0 and 9,0 Hz, 1 H) ; 7,27 (d, J=2,0 Hz, 1 H) ; 9,35 (s, 1 H) ; 11,00 (m, 1 H)	499
189		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-oxidopyridin-1-ium-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,71 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,07 (m, 2 H) ; 2,20 (m, 1 H) ; 2,25 (t, J=7,0 Hz, 2 H) ; 2,40 (m, 1 H) ; 2,48 (m, 2 H) ; 2,58 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,66 (t, J=7,0 Hz, 2 H) ; 2,82 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,79 (m, 1 H) ; 6,57 (s, 2 H) ; 6,70 (m, 3 H) ; 6,80 (t, J=8,8 Hz, 2 H) ; 7,08 (d, J=7,3 Hz, 2 H) ; 7,97 (d, J=7,3 Hz, 2 H) ; 9,45 (s, 1 H)	475
190		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-pyrrolidin-1-ylphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 1,90 (m, 4 H) ; 2,00 (m, 2 H) ; 2,14 to 2,25 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,62 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,14 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,32 (d, J=8,8 Hz, 2 H) ; 6,52 (d, J=1,5 Hz, 2	527

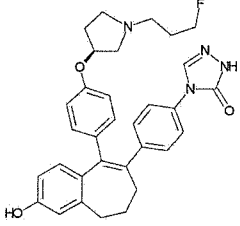
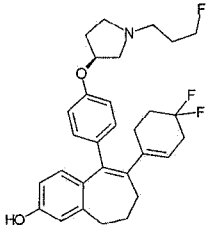
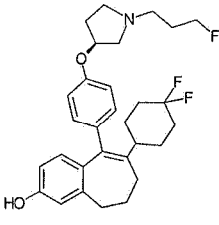
		ol		H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,66 (t, J=1,5 Hz, 1 H) ; 6,74 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,8 Hz, 2 H) ; 9,39 (s, 1 H)	
191		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1,3-benzoxazol-5-yl)-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (t, J=7,0 Hz, 2 H) ; 2,15 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,36 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,53 (s, 3 H) ; 2,62 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,45 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 (s, 2 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,10 (dd, J=1,8 and 8,5 Hz, 1 H) ; 7,38 (d, J=1,8 Hz, 1 H) ; 7,41 (d, J=8,5 Hz, 1 H) ; 9,38 (s, 1 H)	513
192		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methyl-1,3-benzoxazol-6-yl)-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,18 (m, 1 H) ; 2,30 (t, J=7,0 Hz, 2 H) ; 2,37 (m, 1 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,54 (s, 3 H) ; 2,60 to 2,73 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,55 (s, 2 H) ; 6,58 (d, J=8,8 Hz, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,08 (dd, J=1,6 and 8,3 Hz, 1 H) ; 7,40 (m, 2 H) ; 9,39 (s, 1 H)	513
193		6-(2,1,3-benzoxadiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7a]nulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,09 (m, 2 H) ; 2,19 (m, 1 H) ; 2,31 to 2,40 (m, 3 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,54 (m, 1 H) ; 2,60 to 2,72 (m, 3 H) ; 2,78 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,75 (m, 1 H) ; 6,60 (s, 2 H) ; 6,66 (d, J=8,8 Hz, 2 H)	500

		nnulen-2-ol		H) ; 6,73 (s, 1 H) ; 6,81 (d, J=8,8 Hz, 2 H) ; 7,20 (dd, J=1,3 and 9,4 Hz, 1 H) ; 7,72 (dd, J=1,3 and 9,4 Hz, 1 H) ; 7,83 (t, J=1,3 Hz, 1 H) ; 9,52 (s, 1 H)	
194		6-(2,1,3-benzothiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,09 (m, 2 H) ; 2,18 (m, 1 H) ; 2,30 to 2,52 (m, 6 H) ; 2,62 (m, 1 H) ; 2,70 to 2,80 (m, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,72 (m, 1 H) ; 6,59 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,72 (s, 1 H) ; 6,80 (d, J=8,8 Hz, 2 H) ; 7,40 (dd, J=2,0 and 9,2 Hz, 1 H) ; 7,80 (d, J=9,2 Hz, 1 H) ; 7,89 (d, J=2,0 Hz, 1 H) ; 9,48 (s, 1 H)	516
195		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(oxetan-3-yl)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,02 (m, 2 H) ; 2,19 (m, 1 H) ; 2,24 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,65 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,3 Hz, 1 H) ; 4,17 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,56 (dd, J=5,9 and 6,9 Hz, 2 H) ; 4,72 (m, 1 H) ; 4,89 (dd, J=5,9 and 8,5 Hz, 2 H) ; 6,55 (s, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,12 (d, J=8,3 Hz, 2 H) ; 7,19 (d, J=8,3 Hz, 2 H) ; 9,38 (s, 1 H)	514
196		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2,2,3,3-tetrafluoro-1,4-benzodioxin-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,27 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,66 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,57	588

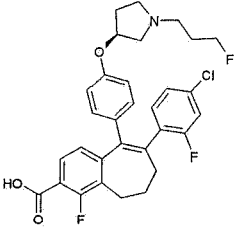
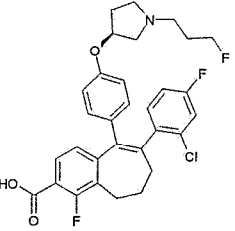
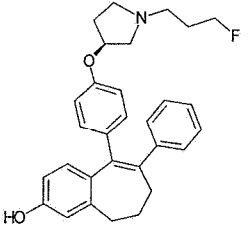
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197		6-(1,2-benzothiazol-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,65 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,08 (m, 2 H) ; 2,17 (m, 1 H) ; 2,34 (m, 3 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,73 (m, 3 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,58 (m, 4 H) ; 6,71 (s, 1 H) ; 6,75 (d, J=8,8 Hz, 2 H) ; 7,32 (dd, J=1,8 and 8,6 Hz, 1 H) ; 7,97 (d, J=8,6 Hz, 1 H) ; 7,99 (d, J=1,8 Hz, 1 H) ; 8,97 (s, 1 H) ; 9,40 (s, 1 H)	515
198		6-[2,3-difluoro-4-(1-piperidyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,50 (m, 2 H) ; 1,60 (m, 4 H) ; 1,69 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,12 to 2,25 (m, 3 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,70 (m, 3 H) ; 2,79 (dd, J=6,4 and 10,4 Hz, 1 H) ; 2,94 (m, 4 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,56 (s, 2 H) ; 6,61 (d, J=8,8 Hz, 2 H) ; 6,66 (s, 1 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,83 (dt, J=2,0 and 8,6 Hz, 1 H) ; 9,41 (s, 1 H)	577
199		6-(1,3-benzoxazol-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,67 (m, 1 H) ; 1,78 (dm, J=25,4 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,18 (m, 1 H) ; 2,30 to 2,40 (m, 3 H) ; 2,44 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,70 (t, J=7,2 Hz, 2 H) ; 2,78 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,57 (d, J=1,5 Hz, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,70 (t, J=1,5 Hz, 1	499

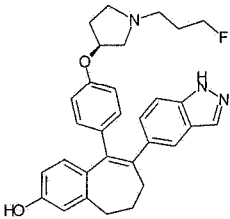
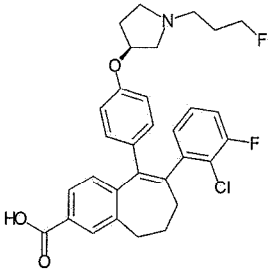
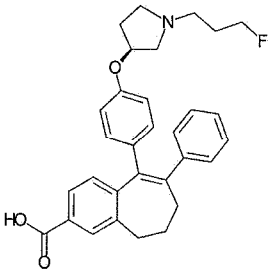
				H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,14 (dd, J=1,7 and 8,3 Hz, 1 H) ; 7,51 (d, J=1,7 Hz, 1 H) ; 7,55 (d, J=8,3 Hz, 1 H) ; 8,62 (s, 1 H) ; 9,40 (s, 1 H)	
200		6-(1,2-benzoxazol-6-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,03 (m, 2 H) ; 2,20 (m, 3 H) ; 2,39 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,64 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,57 (s, 2 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,67 (s, 1 H) ; 6,70 to 6,78 (m, 4 H) ; 7,37 (d, J=8,3 Hz, 1 H) ; 9,43 (s, 1 H) ; 10,82 (m, 1 H)	499
201		6-[4-(1,1-difluoroethyl)phenyl]-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 1,91 (t, J=18,8 Hz, 3 H) ; 2,04 (m, 2 H) ; 2,20 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,79 (dd, J=6,3 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,55 (s, 2 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,21 (d, J=8,5 Hz, 2 H) ; 7,35 (d, J=8,5 Hz, 2 H) ; 9,40 (s, 1 H)	522
202		6-(3,6-dihydro-2H-pyran-4-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 to 1,89 (m, 3 H) ; 1,92 (m, 2 H) ; 1,98 to 2,09 (m, 4 H) ; 2,25 (m, 1 H) ; 2,41 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (t, J=7,0 Hz, 2 H) ; 2,60 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,68 (m, 1 H) ; 2,83 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,53 (t, J=5,4 Hz, 2 H) ; 3,98 (m, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,81 (m, 1 H) ; 5,51 (m, 1 H) ;	464

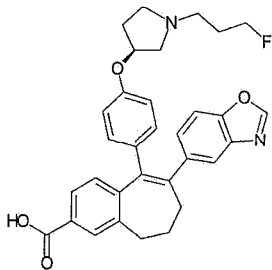
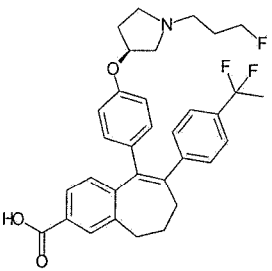
				6,52 (m, 2 H) ; 6,64 (s, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,8 Hz, 2 H) ; 9,31 (s, 1 H)	
203		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-tetrahydro-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,40 (m, 2 H) ; 1,65 (m, 2 H) ; 1,73 to 1,89 (m, 5 H) ; 2,05 (m, 2 H) ; 2,25 (m, 1 H) ; 2,40 to 2,72 (m, 8 H) ; 2,86 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,14 (m, 2 H) ; 3,84 (m, 2 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,82 (m, 1 H) ; 6,42 (d, J=8,5 Hz, 1 H) ; 6,48 (dd, J=2,6 and 8,5 Hz, 1 H) ; 6,62 (d, J=2,6 Hz, 1 H) ; 6,81 (d, J=8,8 Hz, 2 H) ; 6,92 (d, J=8,8 Hz, 2 H) ; 9,22 (s, 1 H)	466
204		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxycyclohexyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): trans diaxialisomer : 0,97 (m, 2 H) ; 1,38 to 1,58 (m, 4 H) ; 1,72 to 1,89 (m, 5 H) ; 2,02 (m, 2 H) ; 2,28 (m, 2 H) ; 2,32 (m, 1 H) ; 2,48 to 2,55 (m, 6 H) ; 2,61 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,69 (m, 1 H) ; 2,87 (dd, J=6,4 and 10,4 Hz, 1 H) ; 3,32 (m, 1 H) ; 4,40 (d, J=4,9 Hz, 1 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,83 (m, 1 H) ; 6,41 (d, J=8,6 Hz, 1 H) ; 6,48 (dd, J=2,7 and 8,6 Hz, 1 H) ; 6,61 (d, J=2,7 Hz, 1 H) ; 6,81 (d, J=8,9 Hz, 2 H) ; 6,89 (d, J=8,9 Hz, 2 H) ; 9,20 (s, 1 H)	480
205		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(3-methylbenzimidazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,17 (m, 1 H) ; 2,37 (m, 3 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,61 (m, 1 H) ; 2,71 (t, J=7,0 Hz, 2 H) ; 2,77 (dd, J=6,4 and 10,3 Hz, 1 H) ; 3,71 (s, 3 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,67 (m, 4 H) ; 6,70 (d, J=1,5 Hz, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,91 (dd, J=1,6 and 8,6 Hz, 1 H) ; 7,35 (m, 2	510

				H) ; 8,08 (s, 1 H) ; 9,36 (s, 1 H)	
206		4-[4-[5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-2-hydroxy-8,9-dihydro-7H-benzo[7]annulen-6-yl]phenyl]-1H-1,2,4-triazol-5-one	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,05 (m, 2 H) ; 2,20 (m, 1 H) ; 2,28 (t, J=7,0 Hz, 2 H) ; 2,38 (m, 1 H) ; 2,47 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,56 (s, 2 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,77 (d, J=8,8 Hz, 2 H) ; 7,22 (d, J=8,8 Hz, 2 H) ; 7,49 (t, J=8,8 Hz, 2 H) ; 8,31 (s, 1 H) ; 9,40 (s, 1 H) ; 11,92 (s, 1 H)	541
207		6-(4,4-difluorocyclohexen-1-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 to 1,95 (m, 5 H) ; 1,98 to 2,09 (m, 4 H) ; 2,15 (m, 2 H) ; 2,23 (m, 1 H) ; 2,37 to 2,58 (m, 7 H) ; 2,60 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,69 (m, 1 H) ; 2,82 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,81 (m, 1 H) ; 5,35 (m, 1 H) ; 6,53 (s, 2 H) ; 6,63 (s, 1 H) ; 6,73 (d, J=8,9 Hz, 2 H) ; 6,92 (d, J=8,9 Hz, 2 H) ; 9,31 (s, 1 H)	498
208		6-(4,4-difluorocyclohexyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,55 to 1,90 (m, 11 H) ; 1,95 to 2,10 (m, 4 H) ; 2,25 (m, 1 H) ; 2,42 (m, 1 H) ; 2,46 to 2,52 (m, 3 H) ; 2,56 (t, J=7,2 Hz, 2 H) ; 2,62 (dd, J=3,0 and 10,3 Hz, 1 H) ; 2,69 (m, 1 H) ; 2,86 (dd, J=6,3 and 10,6 Hz, 1 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,83 (m, 1 H) ; 6,42 (d, J=8,4 Hz, 1 H) ; 6,49 (dd, J=2,6 and 8,4 Hz, 1 H) ; 6,62 (d, J=2,6 Hz, 1 H) ; 6,83 (d, J=8,8 Hz, 2 H) ; 6,93 (d, J=8,8 Hz, 2 H) ; 9,23 (s, 1 H)	500

209		6-(4-chlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,10 (m, 2 H) ; 2,15 to 2,28 (m, 3 H) ; 2,38 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,2 and 10,4 Hz, 1 H) ; 2,65 (m, 1 H) ; 2,81 (m, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,77 (m, 1 H) ; 6,65 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,81 (d, J=8,1 Hz, 1 H) ; 7,18 (d, J=8,8 Hz, 2 H) ; 7,25 (d, J=8,8 Hz, 2 H) ; 7,71 (dd, J=1,9 and 8,1 Hz, 1 H) ; 7,87 (d, J=1,9 Hz, 1 H) ; 12,05 (m, 1 H)	520
210		6-(2-chlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,08 to 2,24 (m, 5 H) ; 2,38 (m, 1 H) ; 2,45 (t, J=7,2 Hz, 2 H) ; 2,52 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,62 (m, 1 H) ; 2,79 (m, 1 H) ; 2,93 (m, 2 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,71 (m, 1 H) ; 6,60 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,88 (d, J=8,5 Hz, 1 H) ; 7,13 to 7,25 (m, 3 H) ; 7,41 (d, J=8,3 Hz, 1 H) ; 7,75 (dd, J=2,0 and 8,5 Hz, 1 H) ; 7,90 (d, J=2,0 Hz, 1 H) ; 12,67 (m, 1 H)	520
211		6-(2,4-dichlorophenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,09 to 2,27 (m, 5 H) ; 2,40 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,55 (dd, J=3,2 and 10,6 Hz, 1 H) ; 2,65 (m, 1 H) ; 2,81 (m, 2 H) ; 3,04 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,67 (d, J=8,8 Hz, 2 H) ; 6,69 (d, J=7,8 Hz, 1 H) ; 6,76 (d, J=8,8 Hz, 2 H) ; 7,21 (d, J=8,3 Hz, 1 H) ; 7,30 (dd, J=2,2 and 8,3 Hz, 1 H) ; 7,60 (d, J=2,2 Hz, 1 H) ; 7,65 (t, J=7,8 Hz, 1 H)	572

212		6-(4-chloro-2-fluorophenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,69 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,08 to 2,26 (m, 5 H) ; 2,39 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,54 (dd, J=2,8 and 10,4 Hz, 1 H) ; 2,64 (m, 1 H) ; 2,80 (dd, J=6,4 and 10,4 Hz, 1 H) ; 2,87 (t, J=7,2 Hz, 2 H) ; 4,48 (td, J=6,2 and 47,6 Hz, 2 H) ; 4,76 (m, 1 H) ; 6,67 (d, J=8,8 Hz, 3 H) ; 6,77 (d, J=8,8 Hz, 2 H) ; 7,18 (dd, J=2,1 and 8,3 Hz, 1 H) ; 7,24 (t, J=8,3 Hz, 1 H) ; 7,32 (dd, J=2,1 and 9,8 Hz, 1 H) ; 7,60 (t, J=8,0 Hz, 1 H) ; 12,40 (m, 1 H)	556
213		6-(2-chloro-4-fluorophenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,4 Hz, 2 H) ; 2,04 to 2,25 (m, 5 H) ; 2,38 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,52 (m, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 2 H) ; 3,00 (m, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,51 (d, J=8,2 Hz, 1 H) ; 6,62 (d, J=8,9 Hz, 2 H) ; 6,73 (d, J=8,9 Hz, 2 H) ; 7,08 (dt, J=2,7 and 8,7 Hz, 1 H) ; 7,21 (dt, J=6,4 and 8,7 Hz, 1 H) ; 7,32 (t, J=8,2 Hz, 1 H) ; 7,40 (dd, J=2,7 and 8,7 Hz, 1 H) ; 12,00 (m, 1 H)	556
214		9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-8-phenyl-6,7-dihydro-5H-benzo[7]annulen-3-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,04 (m, 2 H) ; 2,19 (m, 1 H) ; 2,27 (t, J=7,0 Hz, 2 H) ; 2,40 (m, 1 H) ; 2,48 (m, 2 H) ; 2,55 (m, 1 H) ; 2,60 to 2,71 (m, 3 H) ; 2,80 (m, 1 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,56 (m, 2 H) ; 6,59 (d, J=8,8 Hz, 2 H) ; 6,69 (s, 1 H) ; 6,71 (d, J=8,8 Hz, 2 H) ; 7,05 to 7,19 (m, 5 H) ; 9,37 (s, 1 H)	457

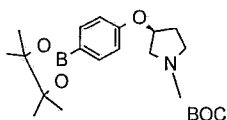
215		5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol	A	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,66 (m, 1 H) ; 1,78 (dm, J=25,3 Hz, 2 H) ; 2,06 (m, 2 H) ; 2,17 (m, 1 H) ; 2,29 to 2,40 (m, 3 H) ; 2,43 (t, J=7,2 Hz, 2 H) ; 2,53 (m, 1 H) ; 2,61 (m, 1 H) ; 2,70 (t, J=7,0 Hz, 2 H) ; 2,77 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,47 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,70 (m, 1 H) ; 6,54 (d, J=8,8 Hz, 2 H) ; 6,56 (s, 2 H) ; 6,70 (s, 1 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 7,09 (d, J=8,7 Hz, 1 H) ; 7,30 (d, J=8,7 Hz, 1 H) ; 7,52 (s, 1 H) ; 7,91 (s, 1 H) ; 9,35 (s, 1 H) ; 12,90 (s, 1 H)	498
216		6-(2-Chloro-3-fluorophenyl)-5-{4-[(S)-1-(3-fluoropropyl)pyrrolidin-3-yloxy]phenyl}-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,68 (m, 1 H) ; 1,79 (dm, J=25,3 Hz, 2 H) ; 2,10 to 2,25 (m, 5 H) ; 2,18 (m, 1 H) ; 2,46 (t, J=7,2 Hz, 2 H) ; 2,53 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,63 (m, 1 H) ; 2,79 (m, 1 H) ; 2,93 (t, J=7,0 Hz, 2 H) ; 4,46 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,73 (m, 1 H) ; 6,63 (d, J=8,8 Hz, 2 H) ; 6,73 (d, J=8,8 Hz, 2 H) ; 6,89 (d, J=8,1 Hz, 1 H) ; 7,05 (m, 1 H) ; 7,24 (m, 2 H) ; 7,77 (dd, J=2,0 and 8,1 Hz, 1 H) ; 7,91 (d, J=2,0 Hz, 1 H) ; 12,60 (m, 1 H)	538
217		5-{4-[(S)-1-(3-Fluoropropyl)pyrrolidin-3-yloxy]phenyl}-6-phenyl-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H) ; 1,80 (dm, J=25,3 Hz, 2 H) ; 2,11 (m, 2 H) ; 2,20 (m, 1 H) ; 2,27 (t, J=7,0 Hz, 2 H) ; 2,41 (m, 1 H) ; 2,48 (m, 2 H) ; 2,58 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,67 (m, 1 H) ; 2,83 (m, 3 H) ; 4,48 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,74 (m, 1 H) ; 6,62 (d, J=8,8 Hz, 2 H) ; 6,72 (d, J=8,8 Hz, 2 H) ; 6,89 (d, J=8,1 Hz, 1 H) ; 7,10 to 7,25 (m, 5 H) ; 7,73 (dd, J=2,0 and 8,1 Hz, 1 H) ; 7,89 (d, J=2,0 Hz, 1 H) ; 12,84 (m, 1 H)	486

218		6-Benzooxazol-5-yl-5-{4-[(S)-1-(3-fluoropropyl)pyrrolidin-3-yloxy]phenyl}-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,90 to 2,08 (m, 4 H); 2,14 (m, 2 H); 2,32 (t, J=7,0 Hz, 2 H); 2,90 (t, J=7,0 Hz, 2 H); 3,00 to 3,40 (m, 6 H); 4,51 (td, J=6,1 and 47,5 Hz, 2 H); 4,98 (m, 1 H); 6,70 (d, J=8,8 Hz, 2 H); 6,81 (d, J=8,8 Hz, 2 H); 6,88 (d, J=8,1 Hz, 1 H); 7,25 (dd, J=2,0 and 8,6 Hz, 1 H); 7,60 (m, 2 H); 7,77 (dd, J=2,0 and 8,1 Hz, 1 H); 7,92 (d, J=2,0 Hz, 1 H); 8,69 (s, 1 H); 9,92 (m, 1 H); 12,85 (m, 1 H)	527
219		6-[4-(1,1-Difluoroethyl)phenyl]-5-{4-[(S)-1-(3-fluoropropyl)pyrrolidin-3-yloxy]phenyl}-8,9-dihydro-7H-benzocycloheptene-2-carboxylic acid	B	¹ H NMR (400 MHz, DMSO-d ₆ , δ ppm): 1,70 (m, 1 H); 1,79 (dm, J=25,3 Hz, 2 H); 1,92 (t, J=19,0 Hz, 3 H); 2,11 (m, 2 H); 2,20 (m, 1 H); 2,28 (t, J=7,0 Hz, 2 H); 2,39 (m, 1 H); 2,46 (t, J=7,2 Hz, 2 H); 2,55 (dd, J=3,0 and 10,4 Hz, 1 H); 2,65 (m, 1 H); 2,79 (dd, J=6,4 and 10,4 Hz, 1 H); 2,84 (t, J=7,0 Hz, 2 H); 4,47 (td, J=6,1 and 47,5 Hz, 2 H); 4,74 (m, 1 H); 6,64 (d, J=8,8 Hz, 2 H); 6,76 (d, J=8,8 Hz, 2 H); 6,86 (d, J=8,1 Hz, 1 H); 7,27 (d, J=8,8 Hz, 2 H); 7,39 (d, J=8,8 Hz, 2 H); 7,73 (dd, J=2,0 and 8,1 Hz, 1 H); 7,90 (d, J=2,0 Hz, 1 H); 12,48 (m, 1 H)	550

The examples which follow describe the preparation of some compounds in accordance with the invention. The numbers of the compounds exemplified below match those given in the Table 1 above. All reactions are performed under inert atmosphere, unless otherwise stated.

Intermediates:

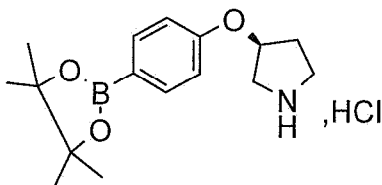
Compound (c). Tert-butyl (3S)-3-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine-1-carboxylate



To a solution of 4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenol (**a**) (82.7 g, 364.51 mmol) in THF (2 L) was added under argon (R)-1-N-Boc-3-hydroxypyrrolidine (**b**) (84.43 g, 437.41 mmol) followed by N,N,N',N'-tetramethylazodicarboxamide (99.1 g, 546.77 mmol). The clear reaction mixture turned orange and triphenylphosphine (143.41 g, 546.77 mmol) was added. The reaction mixture was stirred at room temperature for 24 hours, meanwhile a precipitate of triphenylphosphine oxide formed ($\text{Ph}_3\text{P}=\text{O}$). The reaction mixture was poured in water (1.5 L) and extracted with ethyl acetate (AcOEt) (3x1.5 L). Gathered organic phases were dried over magnesium sulfate (MgSO_4), filtered and concentrated under reduced pressure. The residue was taken up into diisopropylether (1.5 L) and the solid formed ($\text{Ph}_3\text{P}=\text{O}$) was filtered. The solvent was concentrated under reduced pressure and the residue purified by column chromatography eluting with a mixture of heptane with AcOEt (90/10; v/v) to give 145 g (100%) of tert-butyl (3S)-3-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine-1-carboxylate (**c**) as a colorless oil.

^1H NMR (400 MHz, DMSO-d_6 , δ ppm): 1.27 (s : 12H) ; 1.39 (s : 9H) ; 2.05 (m : 1H) ; 2.14 (m : 1H) ; 3.37 (3H) ; 3.55 (m, : 1H) ; 5.05 (s : 1H) ; 6.94 (d , J = 8.4 Hz : 2H) ; 7.61 (d , J = 8.4 Hz : 2H)

Compound (d). (3S)-3-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine, hydrochloride



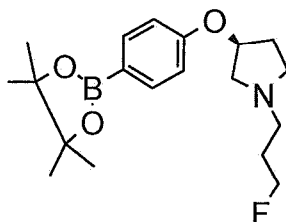
To a solution of (S)-tert-butyl 3-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy)pyrrolidine-1-carboxylate (**c**) (80 g, 195.23 mmol) in MeOH (450 ml) was added slowly HCl 4N in dioxane (250 ml).

After 1.5 hours, the reaction mixture was concentrated under reduced pressure and the residue was taken up into Et₂O with stirring to give a solid which then was filtered and dried under vacuum to give compound (**d**) 61.8 g (95%) as a white powder.

¹H NMR (400 MHz, DMSO-d₆, δ ppm): 1.28 (s : 12H) ; 2,10 (m : 1H) ; 2,21 (m : 1H) ; 3,31 (3H) ; 3,48 (m, : 1H) ; 5,19 (m : 1H) ; 6,97 (d , J = 8,4 Hz : 2H) ; 7,63 (d , J = 8,4 Hz : 2H) ; 9,48 (s : 1H) ; 9,71 (s : 1H).

LC/MS (m/z, MH⁺): 290

Reagent (1). (3S)-1-(3-fluoropropyl)-3-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine

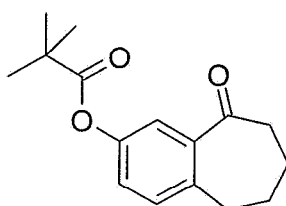


To a suspension of (S)-3-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy)pyrrolidine hydrochloride (**d**) (20 g, 61.42 mmol) in acetonitrile (100 ml), was added K₂CO₃ (21.22 g, 153.54 mmol) and 1-iodo-3-fluoropropane (12.15 g, 61.42 mmol), under argon. The reaction mixture was stirred at 40°C for 24 hours. After cooling to room temperature, the reaction mixture was filtered and washed with acetonitrile. The filtrate was concentrated under reduced pressure and the residue was taken up in DCM and the solid formed was filtered and washed with DCM. The filtrate was concentrated to give reagent (**1**) 21.5 g (100%) as a yellow foam.

¹H NMR (400 MHz, DMSO-d₆, δ ppm): 1,27 (s : 12H) ; 1,77 (m : 2H) ; 1,84 (m : 1H) ; 2,27 (m : 1H) ; 2,41 (m : 1H) ; 2,49 (2H) ; 2,62 (dd, J = 2,6 and 10,4Hz : 1H) ; 2,69 (m : 1H) ; 2,83 (dd, J = 6,2 and 10,4Hz : 1H) ; 4,47 (td, J = 6,2 and 47Hz : 2H) ; 4,99 (m : 1H) ; 6,77 (d , J = 8,4 Hz : 2H) ; 7,58 (d , J = 8,4 Hz : 2H).

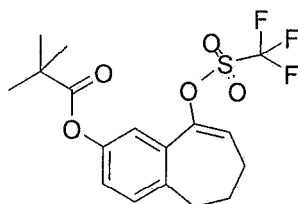
LC/MS (m/z, MH⁺): 350

Intermediate (A1). 9-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate



To a solution of 3-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (2.42 g, 13.73 mmol), in acetone (100 ml), was added K_2CO_3 (1.90 g, 13.73 mmol) and pivaloyl chloride (1.69 ml, 13.73 mmol). The reaction mixture was stirred at room temperature for 18 hours, then was filtered and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of heptane in AcOEt (100/0 to 85/15, v/v) to give 2.62 g (73%) of 9-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**A1**) which was used as such in the next step.

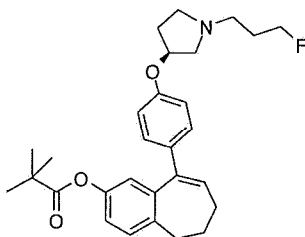
Intermediate (B1). 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate



To a solution of 9-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**A1**) (2.6 g, 10 mmol) in DCM (100 ml) was added under argon pyridine (1.26 ml, 14.98 mmol) and trifluoromethanesulfonic anhydride (3.39 ml, 19.97 mmol) dropwise. The reaction mixture was stirred at room temperature for 16 hours and ice (200 g) and DCM (200 ml) were added. The phases were separated, the aqueous phase was washed with DCM and the gathered organic phases were dried over $MgSO_4$, filtered and evaporated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of heptane in AcOEt (100/0 to 90/10, v/v) to give 3.65 g (93%) of 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**B1**) as an orange oil.

1H NMR (400 MHz, $DMSO-d_6$, δ ppm): 1,30 (s, 9 H) ; 1,98 (m, 2 H) ; 2,26 (m, 2 H) ; 2,72 (m, 2 H) ; 6,46 (t, $J=6,2$ Hz, 1 H) ; 7,10 to 7,14 (m, 2 H) ; 7,38 (m, 1 H)

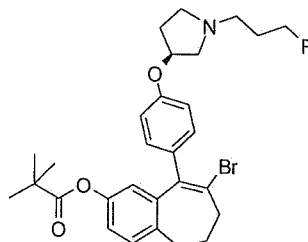
Intermediate (C1). 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate



To a solution of 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**B1**) (600 mg, 1.53 mmol) and (S)-1-(3-fluoropropyl)-3-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy)pyrrolidine (**1**) (534 mg, 1.53 mmol) in dioxane (24 ml) and water (6 ml), Cs₂CO₃ (1.05 g, 3.21 mmol) was added under argon, followed by Pd(dppf)Cl₂ (124.87 mg, 0.15 mmol). The reaction mixture was stirred for 20 minutes at 60°C. After cooling to room temperature, water (40 ml) and DCM (200 ml) were added. After decantation, the organic phase was dried over MgSO₄, then was filtered and concentrated under reduced pressure. The obtained residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0 to 4%; V/V) to give 0.7 g (98 %) of 9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**C1**).

¹H NMR (400 MHz, DMSO-d₆, δ ppm): 1,24 (s, 9 H) ; 1,70 to 1,92 (m, 5 H) ; 2,11 (m, 2 H) ; 2,26 (m, 1 H) ; 2,42 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,52 to 2,74 (m, 4 H) ; 2,85 (dd, J=6,2 and 10,4 Hz, 1 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,85 (m, 1 H) ; 6,39 (t, J=7,4 Hz, 1 H) ; 6,59 (d, J=2,6 Hz, 1 H) ; 6,84 (d, J=8,8 Hz, 2 H) ; 6,97 (dd, J=2,6 and 8,2 Hz, 1 H) ; 7,11 (d, J=8,8 Hz, 2 H) ; 7,35 (d, J=8,2 Hz, 1 H)

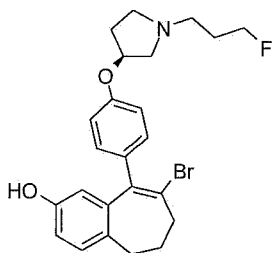
Intermediate (D1). 8-bromo-9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate



To a solution of 9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**C1**) (700 mg, 1.50 mmol) in THF (30 ml), was added pyridinium tribromide (481 mg, 1.50 mmol). The reaction mixture was stirred for 2.5 hours at room temperature. Water (20 ml) was added and pH was adjusted to 7 with concentrated solution of NaHCO₃. DCM (60 ml) was added. The aqueous phase was washed with DCM, 3 times and the gathered organic phases were dried over MgSO₄, filtered and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0 to 5%; V/V) to give 0.667 g (82%) of 8-bromo-9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**D1**).

¹H NMR (400 MHz, DMSO-d₆, δ ppm): 1,21 (s, 9 H) ; 1,71 to 1,91 (m, 3 H) ; 2,18 to 2,33 (m, 3 H) ; 2,42 (m, 1 H) ; 2,48 (t, J=7,2 Hz, 2 H) ; 2,50 (m, 2 H) ; 2,62 (dd, J=3,0 and 10,4 Hz, 1 H) ; 2,65 to 2,77 (m, 3 H) ; 2,86 (dd, J=6,2 and 10,4 Hz, 1 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,87 (m, 1 H) ; 6,44 (d, J=2,6 Hz, 1 H) ; 6,88 (d, J=8,8 Hz, 2 H) ; 6,97 (dd, J=2,6 and 8,2 Hz, 1 H) ; 7,10 (d, J=8,8 Hz, 2 H) ; 7,34 (d, J=8,2 Hz, 1 H)

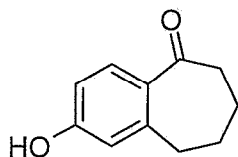
Intermediate (D2). 8-bromo-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy]phenyl]-6,7-dihydro-5H-benzo[7]annulen-2-ol



To a solution of 8-bromo-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy]phenyl]-6,7-dihydro-5H-benzo[7]annulen-2-yl-2,2-dimethylpropanoate (**D1**) (665 mg, 1.22 mmol) in methanol (30 ml), was added NaOH (5N, 2 ml, 10.00 mmol). The reaction mixture was stirred 15 minutes at room temperature and 2 ml of HCl 5N was added. The solvent was removed under reduced pressure. The residue was taken up into AcOEt. The phases were separated and the aqueous phase was washed with AcOEt. The organic phases were combined and dried over MgSO₄, then were filtered and concentrated under reduced pressure and the residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0 to 3%; V/V) to give 0.4 g (72%) of 8-bromo-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy]phenyl]-6,7-dihydro-5H-benzo[7]annulen-2-ol (**D2**).

¹H NMR (400 MHz, DMSO-d₆, δ ppm): 1,71 to 1,89 (m, 3 H) ; 2,14 (m, 2 H) ; 2,28 (m, 1 H) ; 2,38 to 2,55 (m, 5 H) ; 2,58 to 2,72 (m, 4 H) ; 2,87 (dd, J=6,4 and 10,4 Hz, 1 H) ; 4,49 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,85 (m, 1 H) ; 6,20 (d, J=2,7 Hz, 1 H) ; 6,60 (dd, J=2,7 and 8,2 Hz, 1 H) ; 6,87 (d, J=8,8 Hz, 2 H) ; 7,18 (d, J=8,8 Hz, 3 H) ; 9,11 (s, 1 H)
LC/MS (m/z, MH⁺): 460

Intermediate (A2). 2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one



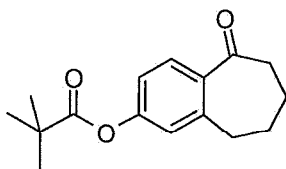
To a solution of 2-methoxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (15 g, 78.85 mmol) in toluene (400 ml) was added AlCl₃ (25 g, 187.49 mmol). The reaction mixture was

stirred at 91°C (bath temperature) for 45 minutes, cooled to room temperature and poured onto ice (900 g). The slurry was stirred for 20 minutes and the solid formed was filtered, washed with water (200 ml), and diisopropyl ether (200 ml), and then was dried to give 14.1 g (100%) of 2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A2**) as a beige powder.

^1H NMR (400 MHz, DMSO- d_6 , δ ppm): 10.1 (s, 1H); 7.53 (d, 1H); 6.68 (dd, 1H); 6.62 (d, 1H); 2.84 (t, 2H); 2.52 (t, 2H); 1.65 (q, 2H); 1.55 (q, 2H).

LC/MS (m/z , MH^+): 177

10 **Intermediate (A3).** 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate

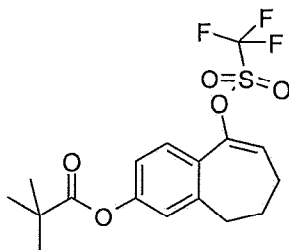


To a solution of 2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A2**) (1.52 g, 8.63 mmol), in acetone (60 ml), was added K_2CO_3 (1.19 g, 8.63 mmol) and pivaloyl chloride (1.06 ml, 8.63 mmol). The reaction mixture was stirred at room temperature for 16 hours, filtered and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of heptane in AcOEt (100/0 to 85/15, v/v) to give 1.55 g (69%) of 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**A3**) as a colorless oil.

20 ^1H NMR (400 MHz, DMSO- d_6 , δ ppm): 7.65 (d, 1H); 7.10-7.04 (m, 2H); 2.95 (t, 2H); 2.68 (t, 2H); 1.85-1.65 (m, 4H).

LC/MS (m/z , MH^+): 261

25 **Intermediate (B2).** 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate

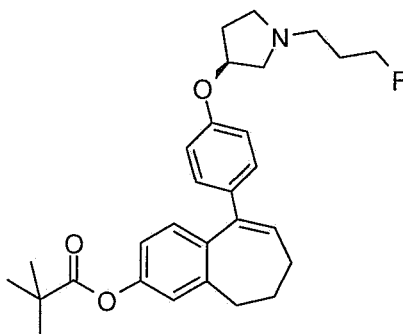


To a solution of 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate (**A3**) (15 g, 57.62 mmol) in DCM (500 ml) was added dropwise under argon pyridine (7.28

ml, 86.43 mmol) and trifluoromethanesulfonic anhydride (19.58 ml, 115.24 mmol). The reaction mixture was stirred at room temperature for 2 hours and ice (200 g) was added. The phases were separated, the aqueous phase was washed with DCM and the gathered organic phases were dried over MgSO_4 , filtered and evaporated under reduced pressure to give 22 g (97%) of 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate (**B2**) as a white solid.

LC/MS (m/z , MH^+): 391

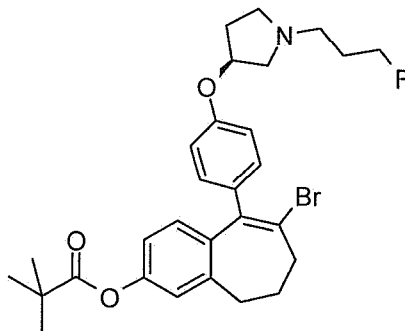
Intermediate (C2). 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate



To a solution of 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**B2**) (22 g, 56.07 mmol) and (3S)-1-(3-fluoropropyl)-3-[4-(tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine (**1**) (20.56 g, 58.87 mmol) in dioxane (420 ml) and water (120 ml) was added under argon $\text{Pd}(\text{dppf})\text{Cl}_2$ (2.75 g, 3.36 mmol) and Cs_2CO_3 (36.57 g, 112.13 mmol). The reaction mixture was stirred for 1 hour at room temperature and was partitioned between water and DCM. The aqueous phase was washed with DCM and the gathered organic phases dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0 to 5%; V/V) to give 31 g (100 %) of 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**C2**).

LC/MS (m/z , MH^+): 466

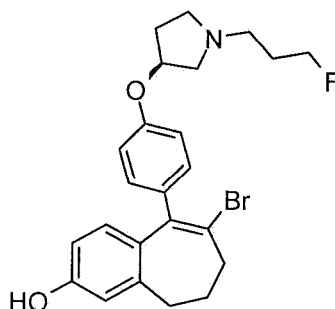
Intermediate (D3). 8-bromo-9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate



To a solution of 9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**C2**) (11 g, 22.44 mmol) in THF (250 ml), was added pyridinium tribromide (7.98 g, 22.44 mmol). The reaction mixture was stirred for 1 hour at room temperature and 100 ml of water was added followed by a saturated solution of sodium bicarbonate (NaHCO_3) until pH 7. The aqueous phase was washed with DCM, 3 times and the gathered organic phases were dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0 to 4%; V/V) to give 9.2 g (75%) of 8-bromo-9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**D3**).

LC/MS (m/z , MH^+): 545

Intermediate (D4). 8-bromo-9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol



To a solution of 8-bromo-9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**D3**) (9.2 g, 16.90 mmol) in MeOH (250 ml), was added NaOH (2N, 50 ml, 100 mmol). The reaction mixture was stirred 15 minutes at room temperature and 22 ml of aqueous HCl 5N was added. The solvent was removed under reduced pressure and the residue was taken up into DCM. The phases were separated and the aqueous phase was washed with DCM and AcOEt.

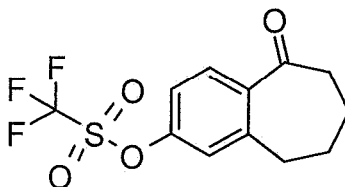
The organic phase was dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0 to 05% ; V/V) to give 6.03 g (78%) of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**).

- 5 ^1H NMR (400 MHz, DMSO-d_6 , δ ppm): 1,71 to 1,89 (m, 3 H) ; 2,19 (m, 2 H) ; 2,28 (m, 1 H) ; 2,39 to 2,52 (m, 5 H) ; 2,59 to 2,72 (m, 4 H) ; 2,87 (dd, $J=6,4$ and $10,4$ Hz, 1 H) ; 4,49 (td, $J=6,1$ and $47,5$ Hz, 2 H) ; 4,83 (m, 1 H) ; 6,52 (s, 2 H) ; 6,68 (s, 1 H) ; 6,83 (d, $J=8,8$ Hz, 2 H) ; 7,07 (d, $J=8,8$ Hz, 2 H) ; 9,50 (s, 1 H)

LC/MS (m/z , MH^+): 461

10

Intermediate (A4). 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yltrifluoromethanesulfonate

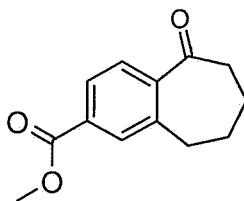


- 15 To a solution of 2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A2**) (18.5 g, 105 mmol) in DCM (185 ml) and lutidine (13.35 ml, 113.505 mmol), cooled at 5°C under argon, was added dropwise trifluoromethanesulfonic anhydride (20.22 ml, 123.29 mmol) while keeping temperature between 10 and 20°C . The reaction mixture was stirred for 1 hour at 5°C then at room temperature for 1 hour.

- 20 Then, ice (200 g) was added and the slurry partitioned between water and DCM. The organic phase was washed with aqueous NaHCO_3 solution, dried over MgSO_4 , filtered off and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of heptane/AcOEt from 100 to 90/10 to give 28.2 g (87%) of 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl trifluoromethanesulfonate (**A4**) as an orange oil.

- 25 LC/MS (m/z , MH^+): 309

Intermediate (A5). Methyl 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-carboxylate

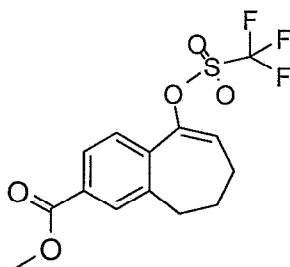


To a solution of 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl trifluoromethanesulfonate (**A4**) (5.03 g, 16.32 mmol) in DMF (24 ml) and MeOH (12 ml), were added Pd(dppf)Cl₂ (754 mg, 0.98 mmol) and diisopropylethylamine (6 ml). The black suspension was carbonylated in an autoclave at 70°C under 5 bars of CO for 2.5 hours.

The reaction mixture was filtered, then the filtrate was partially concentrated under reduced pressure, and the residue, was partitioned between AcOEt and water. The organic phase was washed with water (2x 75 ml) and aqueous HCl 0.5 N, dried over MgSO₄ and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of heptane/AcOEt from 100/0 to 90/10 to give 3.4 g (95%) of methyl 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-carboxylate (**A5**) as a colorless oil.

LC/MS (m/z, MH⁺): 219

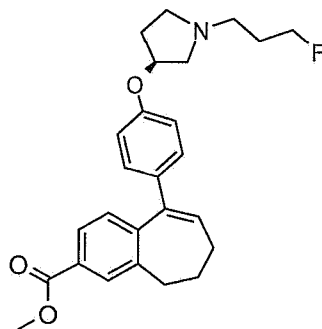
Intermediate (B3). methyl 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate



To a solution of methyl 5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-carboxylate (**A5**) (18.19 g, 83.34 mmol) in DCM (500 ml) and anhydrous pyridine (11 ml, 130.56 mmol), cooled at 5°C under argon, was added dropwise trifluoromethanesulfonic anhydride (30 ml, 176.54 mmol). The reaction mixture, a thick suspension, was stirred at room temperature for 24 hours, then ice was added and partitioned between water and DCM. The organic phase was dried over MgSO₄, filtered off and concentrated under reduced pressure to give 29 g (100%) of methyl 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**B3**) as a yellow gum.

LC/MS (m/z, MH⁺): 351

Intermediate (C3). methyl 9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate

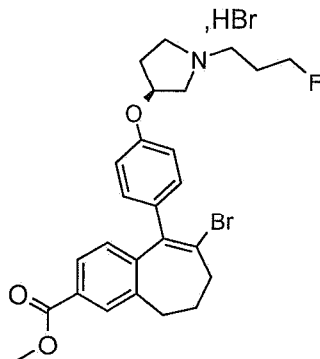


To a solution of methyl 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**B3**) (29 g, 82.9 mmol), (3S)-1-(3-fluoropropyl)-3-[4-(tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine (**1**) (28.9 g, 82.9 mmol), in dioxane (225 ml) were added Pd(dppf)Cl₂ under argon, complex with DCM (3.73 g, 4.57 mmol) and Cs₂CO₃ 1.5 M aqueous solution (111.12 ml, 166.68 mmol). The reaction mixture was stirred at 60°C for 1 hour.

After cooling to room temperature, the reaction mixture was poured into a mixture of water (500 ml) and AcOEt (400ml). The organic phase was washed with brine, dried over MgSO₄, filtered on celite and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of DCM/MeOH from 100/0 to 95/05 to give 23 g (65%) of methyl 9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**C3**) as a brown gum.

LC/MS (m/z, MH⁺): 424

Intermediate (D5). Methyl 8-bromo-9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate hydrobromide

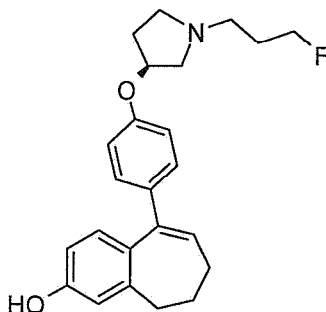


To a solution of methyl 9-(4-([(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**C3**) (13.93 g, 32.89 mmol), in DCM (150 ml) was added under argon pyridinium tribromide (15.78 g, 44.41 mmol). The reaction mixture

was stirred for 1 hour at room temperature. Water (200 ml) was added, organic phase was then dried over MgSO_4 , and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of DCM/MeOH from 100/0 to 95/05 to give 16.4 g (85%) of methyl 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate hydrobromide (**D5**) as a yellow meringue.

LC/MS (m/z , MH^+): 502

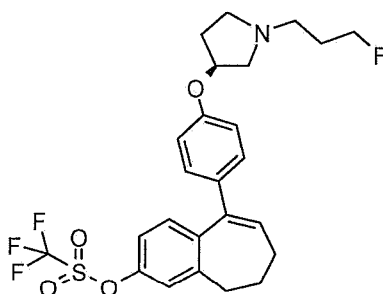
Intermediate (C4). 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol



To a solution under argon of 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**C2**) (24.8 g, 53.26 mmol) in MeOH (300 ml), was added NaOH 5M (23 ml, 115.00 mmol). The reaction mixture was stirred for 2 hours at room temperature. pH was then adjusted to 7 by addition of 6N aqueous HCl solution. The MeOH was concentrated under reduced pressure, then DCM was added. The organic phase was dried over MgSO_4 , and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of DCM/ MeOH from 100/0 to 95/05 to give 18.8 g (93%) of 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**C4**) as a beige solid.

LC/MS (m/z , MH^+): 382

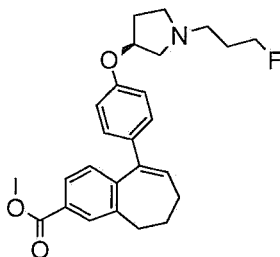
Intermediate (C5). 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl trifluoromethanesulfonate



To a solution of 9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**C4**) (20.6 g, 54.00 mmol) in DCM (200 ml) and pyridine (6.55 ml, 81.00 mmol), cooled to 5°C (ice bath), was added dropwise trifluoromethanesulfonic anhydride (18.93 ml, 108.00 mmol) under argon, and the reaction temperature was maintained <15°C. The ice bath was removed, and the brown suspension was stirred at room temperature for 2 hours. Ice (200 g) and DCM (200 ml) were added and the phases separated. The organic phase was dried over MgSO₄, and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of DCM/MeOH from 100/0 to 95/05 to give 24.7 g (89.1%) of 9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl trifluoromethanesulfonate (**C5**) as a brown oil.

LC/MS (m/z, MH⁺): 514

- Intermediate (C3).** Methyl 9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate

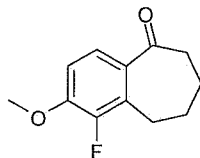


To a solution of 9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl trifluoromethanesulfonate (**C5**) (10.1 g, 19.67 mmol) in DMF (66 ml) and MeOH (33 ml), were added Pd(dppf)Cl₂ (909 mg, 1.18 mmol) and diisopropylethylamine (7.21 ml). The black suspension was carbonylated in an autoclave at 70°C under 5 bars of CO for 5 hours. The reaction mixture was filtered, then the filtrate was partially concentrated under reduced pressure. The residue was partitioned between AcOEt and water. The organic phase was washed with water (2x 100 ml), dried over MgSO₄, and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a gradient of DCM/ MeOH from 100/0 to 95/05 to give 7.13 g

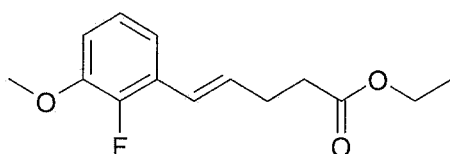
(86%) of methyl 9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy]phenyl]-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**C3**) as a brown gum.

LC/MS (m/z, MH⁺): 424

5 **Intermediate (A6).** 1-fluoro-2-methoxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one



Step 1. Ethyl 5-(2-fluoro-3-methoxyphenyl)pent-4-enoate

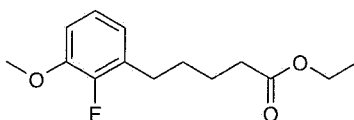


To a solution of [3-(ethoxycarbonyl)propyl]triphenylphosphonium bromide (30 g, 65.5 mmol) in THF (300 ml) cooled at -78°C, was added potassium bis(trimethylsilyl)amide (16 g, 80.45 mmol) in 5 minutes. The orange suspension was stirred 1 hour at -78°C, and 2-fluoro-3-methoxybenzaldehyde (10 g, 65 mmol) was added. The reaction mixture was allowed to reach room temperature overnight under stirring. The solvent was concentrated under reduced pressure, the residue taken up in AcOEt (300 ml), washed twice with sodium bisulfite, 10% (w/v) aqueous solution (50 ml).

The organic phase was dried over anhydrous MgSO₄, filtered and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with a mixture of AcOEt/cyclohexane 10/90 to give 9 g (55%) of (E)-ethyl 5-(2-fluoro-3-methoxyphenyl)pent-4-enoate as a yellow oil.

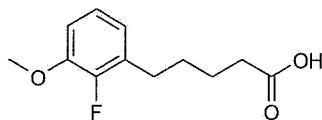
LC/MS (m/z, MH⁺): 253 mixture of E/Z isomers 69/31%

Step 2. Ethyl 5-(2-fluoro-3-methoxyphenyl)pentanoate



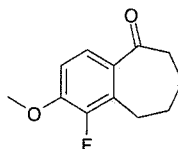
To a solution of (E)-ethyl 5-(2-fluoro-3-methoxyphenyl)pent-4-enoate (9 g, 35.67 mmol) in ethanol (100 ml), was added Pd/C 10% (100 mg). The black suspension was hydrogenated in an autoclave, at room temperature under 10 bars of hydrogen during 24 hours. The slurry was filtered then the filtrate was concentrated under reduced pressure to give 8.9 g (98%) of ethyl 5-(2-fluoro-3-methoxyphenyl)pentanoate as a colorless oil.

LC/MS (m/z, MH⁺): 255

Step 3. 5-(2-fluoro-3-methoxyphenyl)pentanoic acid

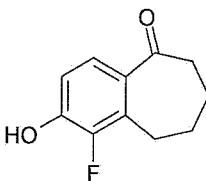
To a solution of ethyl 5-(2-fluoro-3-methoxyphenyl)pentanoate (8.9 g, 35.00 mmol) in ethanol (60 ml), were added water (12 ml) and NaOH 32% (6 ml, 72 mmol). The white suspension was then stirred for 2 hours at 50°C. After cooling to room temperature, 100 g of ice were added and the reaction mixture was acidified with aqueous HCl to pH 3. The solid obtained was filtered off and dried to give 7.9 g (100%) of 5-(2-fluoro-3-methoxyphenyl)pentanoic acid as a white solid.

LC/MS (m/z, MH⁺): 225

Step 4. 1-fluoro-2-methoxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A6**)

5-(2-fluoro-3-methoxyphenyl)pentanoic acid (4.8 g, 21.22 mmol) was added to trifluoromethane sulfonic acid (19 ml, 212 mmol) cooled at 5°C. The brown solution was stirred at 5°C during 1 hour. Ice (100 g) and AcOEt (100 ml) were added, followed by an aqueous solution of NaHCO₃ until pH was 7. The organic phase was dried over MgSO₄, filtered off and concentrated under reduced pressure to give 4.4 g (99%) of 1-fluoro-2-methoxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A6**) as a brown oil.

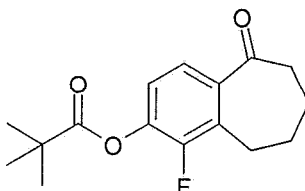
LC/MS (m/z, MH⁺): 209

Intermediate (A7). 1-fluoro-2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one

To a solution of 1-fluoro-2-methoxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A6**) (6.2 g, 29.8 mmol) in toluene (100 ml) was added AlCl₃ (4.76 g, 35.7 mmol). The brown suspension was stirred for 1 hour at 90°C. After cooling to room temperature, the hot mixture was poured into 900 g of iced water. The solid obtained was filtered off, washed with water, aqueous HCl 0.1 N and dried to give 5.3 g (92%) of 1-fluoro-2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A7**) as a beige solid.

LC/MS (m/z, MH⁺): 195

Intermediate (A8). 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl 2,2-dimethylpropanoate



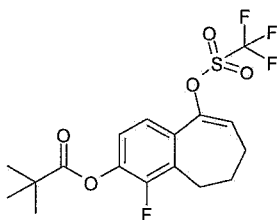
5

To a solution of 1-fluoro-2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A7**) (5.3 g, 27.3 mmol) in acetone (150 ml) were added K₂CO₃ (3.77 g, 27.29 mmol) and pivaloyl chloride (2.29 g / 3.36 ml, 27.3 mmol). The orange suspension was stirred for 2 hours at room temperature. The solids were filtered off and then washed with acetone (10 ml). The filtrate was concentrated under reduced pressure. AcOEt (100 ml) and water were added to the residue obtained. The organic phase was dried over MgSO₄, filtered off and concentrated under reduced pressure to give 7.2 g (95%) of 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl-2,2-dimethylpropanoate (**A8**) as a beige solid.

LC/MS (m/z, MH⁺): 279

15

Intermediate (B4). 4-fluoro-9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate

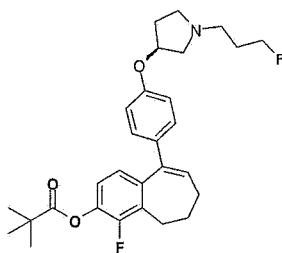


To a solution of 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl-2,2-dimethylpropanoate (**A8**) (2.05 g, 7.37 mmol) in DCM (50 ml) was added under argon pyridine (0.93 ml, 11.05 mmol) and trifluoromethanesulfonic anhydride (2.5 ml, 14.73 mmol) dropwise. The reaction mixture was stirred at room temperature for 2 hours and ice (100 g) was added. The phases were separated, the aqueous phase was washed with DCM and the gathered organic phases were dried over MgSO₄, filtered and evaporated under pressure. The residue was purified by flash chromatography eluting with DCM to give 2.5 g (83%) of 4-fluoro-9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**B4**) as a yellow oil.

LC/MS (m/z, MH⁺): 411

25

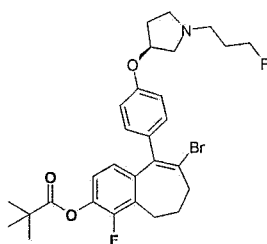
Intermediate (C6). 4-fluoro-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-yl)-2,2-dimethylpropanoate



To a solution of 4-fluoro-9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-3-yl)-2,2-dimethylpropanoate (**B4**) (700 mg, 1.71 mmol) and (S)-1-(3-fluoropropyl)-3-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy)pyrrolidine (**1**) (595.72 mg, 1.71 mmol) in dioxane (10 ml) and water (0.5 ml), were added Cs_2CO_3 (1.17 g, 3.58 mmol) and $\text{Pd}(\text{dppf})\text{Cl}_2$ (139 mg, 0.171 mmol). The reaction mixture was stirred for 1 hour at room temperature and partitioned between water and AcOEt. The aqueous phase was washed with AcOEt and the gathered organic phases were dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography eluting with DCM/MeOH/ NH_4OH 28% 93/6.3/0.07 to give 0.55 g (67 %) of (4-fluoro-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-yl)-2,2-dimethylpropanoate (**C6**).

LC/MS (m/z, MH^+): 484

Intermediate (D6). (8-bromo-4-fluoro-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-yl)-2,2-dimethylpropanoate

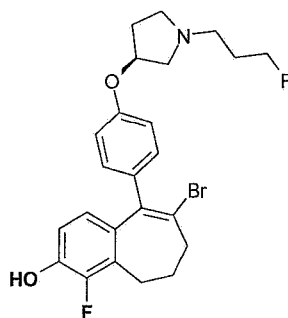


To a solution of (4-fluoro-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-yl)-2,2-dimethylpropanoate (**C6**) (550 mg, 1.14 mmol) in THF (30 ml), was added pyridinium tribromide (404 mg, 1.14 mmol). The reaction mixture was stirred for 1 hour at room temperature. A solution of ammonium dihydrogen phosphate ($\text{NH}_4\text{H}_2\text{PO}_4$) and AcOEt was added. The aqueous phase was washed with AcOEt and the gathered organic phase dried over MgSO_4 and filtered. The organic phase was concentrated under reduced pressure to give 0.63 g (98%) of 8-bromo-4-fluoro-9-(4-

{[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**D6**).

LC/MS (m/z, MH⁺): 562

- 5 **Intermediate (D7).** 8-bromo-4-fluoro-9-(4-{[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol

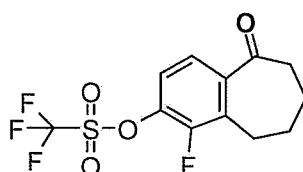


- To a solution of 8-bromo-4-fluoro-9-(4-{[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate (**D6**) (640 mg, 1.14 mmol) in MeOH (15 ml), was added NaOH (2N, 2.84 ml, 5.69 mmol). The reaction mixture was stirred for 1 hour at room temperature and 2 ml of aqueous HCl 2N was added and the pH was adjusted to 5 with a solution of aqueous ammonium chloride (NH₄Cl). The solvent was removed under reduced pressure and the residue taken up into AcOEt. The phases were separated and the aqueous phase was washed with AcOEt. The organic phases were combined and dried over MgSO₄, filtered and concentrated under reduced pressure. The residue was purified by column chromatography eluting with DCM/MeOH : 95/05 to give 0.47 g (86%) of 8-bromo-4-fluoro-9-(4-{[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D7**) as a grey solid.

- ¹H NMR (400 MHz, DMSO-d₆, δ ppm): 1,71 to 2,00 (m, 3 H) ; 2,20 (m, 2 H) ; 2,25 to 3,15 (m, 11 H) ; 4,50 (td, J=6,1 and 47,5 Hz, 2 H) ; 4,92 (m, 1 H) ; 6,38 (d, J=8,5 Hz, 1 H) ; 6,71 (t, J=8,5 Hz, 1 H) ; 6,88 (d, J=8,8 Hz, 2 H) ; 7,10 (d, J=8,8 Hz, 2 H) ; 9,93 (s, 1 H) ; 10,03 (m, 1 H)

LC/MS (m/z, MH⁺): 478

- 25 **Intermediate (A9).** 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl trifluoromethane sulfonate

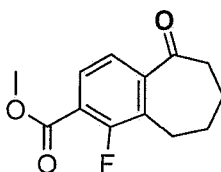


To a solution of 1-fluoro-2-hydroxy-6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-one (**A7**) (5.5 g, 28.32 mmol), in DCM (35 ml) and lutidine (6.66 ml, 56.64 mmol), cooled at 5°C under argon, was added dropwise trifluoromethanesulfonic anhydride (9.30 ml, 56.64 mmol) while keeping temperature between 10 and 20°C. The reaction mixture was stirred at 5°C for 1 hour and then at room temperature for 1 hour.

Ice (50 g) was added and the slurry partitioned between water and DCM. The organic phase was washed with aqueous NaHCO₃ solution, dried over MgSO₄, filtered and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with DCM to give 7.05 g (76%) of 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl trifluoromethanesulfonate (**A9**) as a brown oil.

LC/MS (m/z, MH⁺): 326

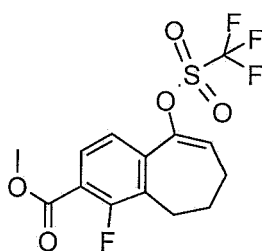
Intermediate (A10). Methyl 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-carboxylate



To a solution of 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulen-2-yl trifluoromethanesulfonate (**A9**) (7 g, 21.46 mmol) in DMF (20 ml) and MeOH (40 ml), were added Pd(dppf)Cl₂ (991.51 mg, 1.29 mmol) and diisopropylethylamine (7.5 ml). The black suspension was carbonylated in an autoclave at 70°C under 5 bars of CO for 18 hours. The reaction mixture was filtered, then the filtrate was partially concentrated under reduced pressure. AcOEt and water were added to the residue obtained. The organic phase was washed with water and aqueous HCl 0.5 N, dried over MgSO₄, filtered and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with DCM to give 3.4 g (67%) of methyl 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-carboxylate (**A10**) as a colorless oil.

LC/MS (m/z, MH⁺): 237

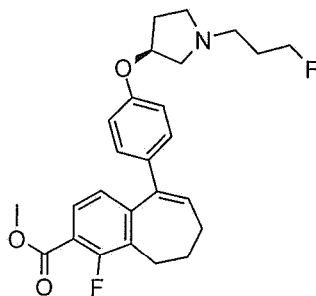
Intermediate (B5). Methyl 4-fluoro-9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate



To a solution of methyl 1-fluoro-5-oxo-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-carboxylate (**A10**) (1.15 g, 4.87 mmol) in THF (25 ml) cooled at -10°C , was added dropwise potassium bis(trimethylsilyl)amide (1.94 g, 9.74 mmol), followed by N,N-bis(trifluoromethylsulfonyl)aniline (1.95 g, 5.35 mmol). The reaction mixture was stirred for 30 minutes at -10°C and 20 hours at room temperature. The reaction mixture was cooled to 0°C and water (500 ml) and AcOEt (200 ml) were added. The organic phase was dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with DCM to give 1.25 g (69%) of methyl 4-fluoro-9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**B5**) as an oil which was used as such in the following step.

LC/MS (m/z , MH^+): 369

Intermediate (C7). Methyl 4-fluoro-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate

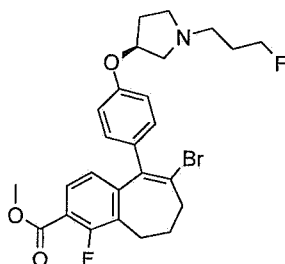


To a solution under argon of methyl 4-fluoro-9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**B5**) (1.53 g, 4.15 mmol), (S)-1-(3-fluoropropyl)-3-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy)pyrrolidine (**1**) (1.60 g, 4.57 mmol), in dioxane (10 ml) and water (0.5 ml) were added Pd(dppf)Cl_2 , complex with DCM (191.98 mg, 0.25 mmol) and Cs_2CO_3 (2.85 g, 8.72 mmol). The reaction mixture was stirred at 80°C for 1 hour. After cooling to room temperature, the reaction mixture was poured to a mixture of water (20 ml) and AcOEt (50 ml). The organic phase was washed with brine, dried over MgSO_4 , filtered on celite and concentrated under reduced pressure. The residue was purified by flash chromatography eluting with isopropylether/MeOH 95/05 to

give 0.7 g (39%) of methyl 4-fluoro-9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**C7**) as a yellow oil.

LC/MS (m/z , MH^+): 442

- 5 **Intermediate (D8).** Methyl 8-bromo-4-fluoro-9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate hydrobromide



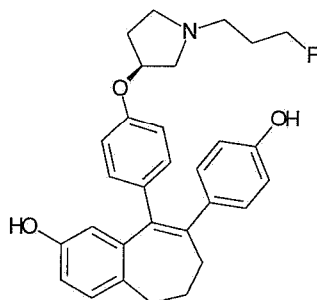
To a solution of methyl 4-fluoro-9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (**C7**) (900 mg, 2.04 mmol), in DCM (30 ml) was added pyridinium tribromide (880.11 mg, 2.75 mmol). The reaction mixture was stirred under argon for 30 minutes at room temperature. Water (30 ml) was added then organic phase was dried over $MgSO_4$, and concentrated under reduced pressure. The obtained meringue was purified by flash chromatography eluting with a gradient of DCM/MeOH from 100/0 to 95/05 to give 0.8 g (63%) of methyl 8-bromo-4-fluoro-9-(4-(((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate hydrobromide (**D8**) as an orange meringue.

LC/MS (m/z , MH^+): 520

Examples:

20

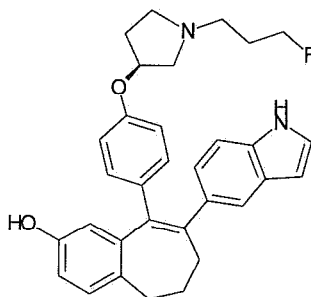
Example 1. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-3-ol



Method A:

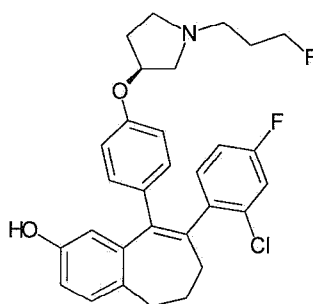
To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-2-ol (**D2**) (80 mg, 173.8 μ mol) in dioxane/water (80/20; V/V; 4 ml), were added 4-hydroxyphenyl-boronic acid (23.97 mg, 173.77 μ mol), Cs₂CO₃ (119.02 mg, 364.92 μ mol), and Pd(dppf)Cl₂ (8.51 mg, 10.43 μ mol). The reaction mixture was microwaved at 90°C for 30 minutes, and purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 58 mg (71%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-3-ol.

Example 3. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-3-ol



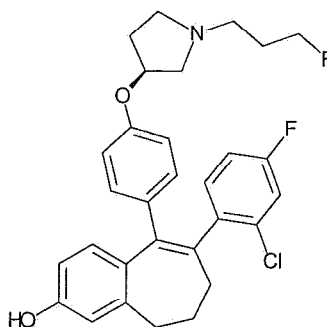
To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-2-ol (**D2**) (80 mg, 173.8 μ mol) in dioxane/water (80/20; V/V; 4 ml), were added 5-indolylboronic acid (30.77 mg, 191.15 μ mol), Cs₂CO₃ (119.02 mg, 364.92 μ mol), and Pd(dppf)Cl₂ (8.51 mg, 10.43 μ mol). The reaction mixture was microwaved at 90°C for 30 minutes, and purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 12 mg (14%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-3-ol.

Example 4. 6-(2-chloro-4-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-3-ol



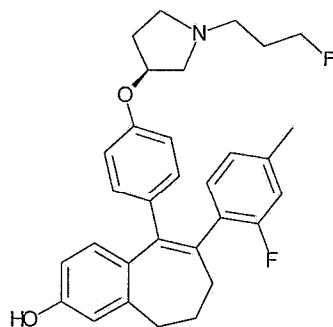
To a solution of 8-bromo-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-2-ol (**D2**) (80 mg, 173.8 μmol) in dioxane/water (80/20; V/V; 4 ml), were added 2-chloro-4-fluorophenylboronic acid (23.10 mg, 132.50 μmol), Cs_2CO_3 (119.02 mg, 364.92 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (8.51 mg, 10.43 μmol). The reaction mixture was microwaved at 90°C for 30 minutes, and purified by column chromatography eluting with a gradient of MeOH in DCM(0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 50 mg (74%) of 6-(2-chloro-4-fluorophenyl)-5-[4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-3-ol.

Example 5. 6-(2-chloro-4-fluoro-phenyl)-5-[4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



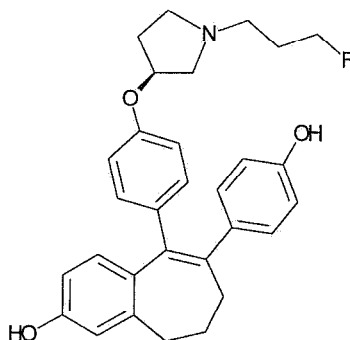
To a solution of 8-bromo-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (60 mg, 130.33 μmol) in dioxane / water (80/20; V/V; 3 ml), were added 2-chloro-4-fluorophenylboronic acid (23.43 mg, 130.33 μmol), Cs_2CO_3 (89.26 mg, 273.69 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (6.39 mg, 7.82 μmol). The reaction mixture was microwaved at 90°C for 1 hour and purified by column chromatography eluting with a gradient of methanol in dichloromethane (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 52 mg (78.2%) of 6-(2-chloro-4-fluoro-phenyl)-5-[4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 9. 6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (60 mg, 130.33 μmol) in dioxane/water (80/20; V/V; 3 ml), were added 2-fluoro-4-methylphenylboronic acid (22.99 mg, 143.36 μmol), Cs_2CO_3 (89.26 mg, 273.69 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (6.39 mg, 7.82 μmol). The reaction mixture was heated at 80°C for 1 hour and purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 52 mg (82%) of 6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

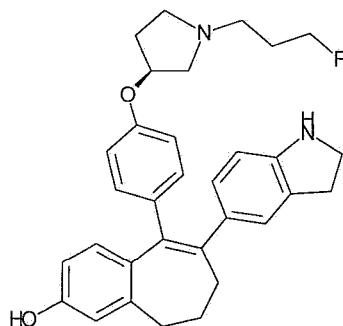
Example 11. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol



To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (60 mg, 130.33 μmol), in dioxane/water (80/20; V/V; 3 ml), were added (4-hydroxyphenyl)boronic acid (17.98 mg, 130.33 μmol), Cs_2CO_3 (89.26 mg, 273.69 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (6.39 mg, 7.82 μmol). The reaction mixture was microwaved at 90°C for 40 minutes and poured in water. The aqueous phase was washed with DCM/MeOH solution (95/5; V/V) and the organic extracts dried over MgSO_4 and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid

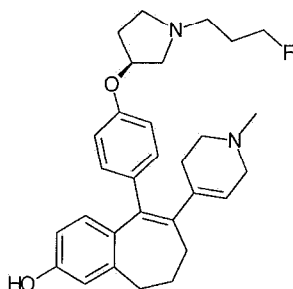
which was further purified on strong cation exchange (SCX) column to give 52 mg (41%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.

- 5 **Example 21.** 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-indolin-5-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol



- To a solution of 8-bromo-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (50 mg, 108,61 μmol), in dioxane/water (80/20; 10 V/V; 3 ml), were added 5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)indoline (26,62 mg, 108,61 μmol), Cs_2CO_3 (74,39 mg, 228,07 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (5,32 mg, 6,52 μmol). The reaction mixture was microwaved at 90°C for 45 minutes and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 32 mg (59%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-indolin-5-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol. 15

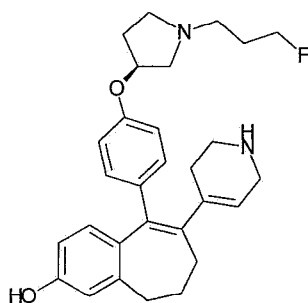
- Example 25.** 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-methyl-3,6-dihydro-2H-pyridin-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol



- To a solution of 8-bromo-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (139.3 mg, 302.58 μmol), in dioxane (2 ml) and water (1 ml), was added 1-methyl-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1,2,3,6-tetrahydropyridine (81.01 mg, 363.09 μmol), Cs_2CO_3 (197.17 mg, 605.15 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (13.28 mg, 18.15 μmol). The reaction mixture was heated at 82°C for 1.5 20 hours and partitioned between water and DCM. The aqueous phase was washed with 25

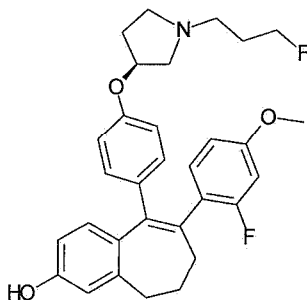
DCM and the organic phase was concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 63.7 mg (44.2%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-methyl-3,6-dihydro-2H-pyridin-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 26. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,6-tetrahydropyridin-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol



To a solution of 4-(5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-3,6-dihydro-2H-pyridine-1-carboxylic acid tert-butyl ester (Example 24, 78.2 mg, 138.97 μ mol), in MeOH (1.5 ml) was added HCl (120 μ l, 4N dioxane solution). The reaction mixture was stirred at room temperature for 2.5 hours and concentrated under reduced pressure. The residue was purified by strong cation exchange (SCX) column to give 60.9 mg (94.7%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,6-tetrahydropyridin-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 29. 6-(2-fluoro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol

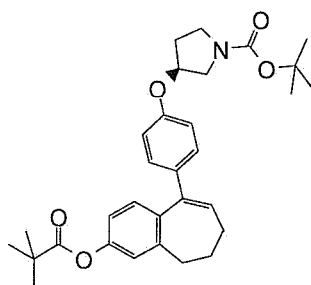


To a solution of 8-bromo-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (125.5 mg, 272.60 μ mol), in dioxane (2 ml) and water (1 ml), were added 2-fluoro-4-methoxyphenylboronic acid (66.73 mg, 384.80 μ mol), Cs_2CO_3 (177.64 mg, 545.20 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (11.97 mg, 16.36 μ mol). The reaction mixture was heated at 90°C for 1 hour and partitioned between water and DCM. The

aqueous phase was washed with DCM and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in diisopropyl ether (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 78 mg (56.6%) of 6-(2-fluoro-4-methoxy-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 36. 5-[4-[(3S)-1-(1,1-dideuterio-3-fluoro-propyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-fluoro-4-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol

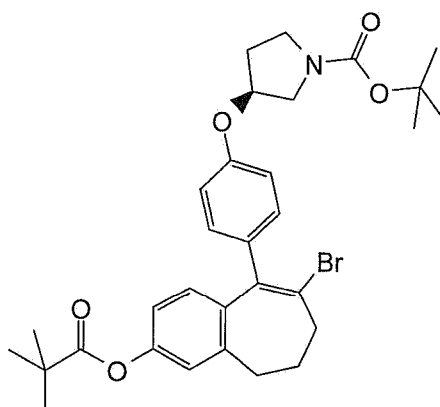
Step 1. Tert-butyl (3S)-3-(4-{3-[(2,2-dimethylpropanoyl)oxy]-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**E1**).



To a solution of 9-(trifluoromethanesulfonyloxy)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**B2**) (6.56 g, 16.72 mmol) in dioxane (45 ml), was added tert-butyl (3S)-3-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenoxy]pyrrolidine-1-carboxylate (**c**) (6.51 g, 16.72 mmol), Cs₂CO₃ (23 ml, 34.50 mmol), and Pd(dppf)Cl₂ (1.44 g, 1.67 mmol). The reaction mixture was stirred at room temperature for 24 hours, and partitioned between water and AcOEt. The aqueous phase was extracted with AcOEt and the organic phase dried over MgSO₄, filtered and concentrated under reduced pressure. The residue was purified by column chromatography, eluting with a mixture of heptane and DCM (60/40; V/V) to give 7.188 g (85%) of tert-butyl (3S)-3-(4-{3-[(2,2-dimethylpropanoyl)oxy]-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**E1**).

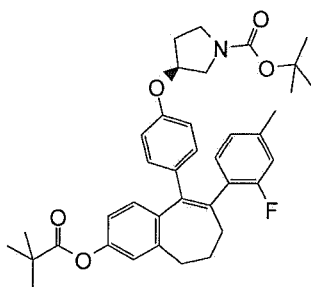
LC/MS (m/z, MH⁺): 507

Step 2. Tert-butyl (3S)-3-(4-{8-bromo-3-[(2,2-dimethylpropanoyl)oxy]-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**F1**).



To a solution of tert-butyl (3S)-3-(4-{3-[(2,2-dimethylpropanoyl)oxy]-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**E1**) (7.18 g, 14.20 mmol) in THF (60 ml), was added pyridinium tribromide (5.00 g, 15.62 mmol). The reaction mixture was stirred at room temperature for 1 hour, and partitioned between water and AcOEt. The aqueous phase was extracted with AcOEt and the organic phase dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography, eluting with a mixture of DCM and MeOH (96/4; V/V) to give 3.43 g (41.3%) of tert-butyl (3S)-3-(4-{8-bromo-3-[(2,2-dimethylpropanoyl)oxy]-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**F1**).
LC/MS (m/z, MH^+): 484 and 486 (M-BOC).

Step 3. Tert-butyl (3S)-3-(4-{3-[(2,2-dimethylpropanoyl)oxy]-8-(2-fluoro-4-methylphenyl)-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**G1**)



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To a solution of (3S)-3-(4-{8-bromo-3-[(2,2-dimethylpropanoyl)oxy]-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**F1**) (500 mg, 855.37 μmol) in dioxane (5 ml), was added 2-fluoro-4-methylphenylboronic acid (150.89 mg, 940.91 μmol), Cs_2CO_3 (2.5 ml, 3.75 mmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (65.88 mg, 85.54 μmol). The reaction mixture was heated at 80°C for 2 hours, and partitioned between water and AcOEt. The aqueous phase was extracted with AcOEt and the organic phase dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography, eluting with a mixture of heptane and DCM (50/50; V/V) to give 285 mg

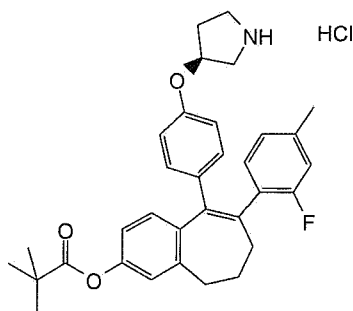
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(54.3%) of tert-butyl (3S)-3-(4-{3-[(2,2-dimethylpropanoyl)oxy]-8-(2-fluoro-4-methylphenyl)-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**G1**).

LC/MS (m/z, MH⁺): 614

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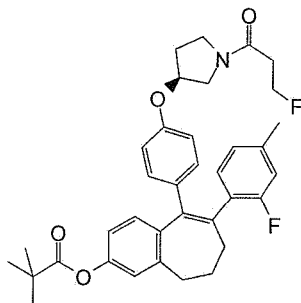
Step 4. 8-(2-fluoro-4-methylphenyl)-9-(4-{[(3S)-pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate hydrochloride salt (**H1**).



To a solution of tert-butyl (3S)-3-(4-{3-[(2,2-dimethylpropanoyl)oxy]-8-(2-fluoro-4-methylphenyl)-6,7-dihydro-5H-benzo[7]annulen-9-yl}phenoxy)pyrrolidine-1-carboxylate (**G1**) (295 mg, 480.65 μ mol) in MeOH (5 ml), was added hydrochloric acid in (4N, 1.20 ml, 4.80 mmol). The reaction mixture was stirred at room temperature for 2 hours and concentrated under reduced pressure to give a solid which was triturated with diisopropyl ether, filtered and dried to give 221 mg (59.5%) of 8-(2-fluoro-4-methylphenyl)-9-(4-{[(3S)-pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate, as an hydrochloride salt (**H1**).

LC/MS (m/z, MH⁺): 514

Step 5. 8-(2-Fluoro-4-methylphenyl)-9-(4-{[(3S)-1-(3-fluoropropanoyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate (**J1**)



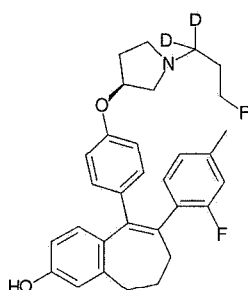
To a solution of 8-(2-fluoro-4-methylphenyl)-9-(4-{[(3S)-pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl-2,2-dimethylpropanoate (**H1**) (163 mg, 317.34 μ mol) in DMF (3 ml), was added 3-fluoropropanoic acid (30.76 mg, 317.34 μ mol), 4-dimethylaminopyridine (121.15 mg, 952.02 μ mol), and 1-(3-dimethylaminopropyl)-3-ethyl

25

carbodiimide hydrochloride (76.84 mg, 380.81 μmol). The reaction mixture was stirred at room temperature for 2 hours, and partitioned between water and AcOEt. The aqueous phase was extracted with AcOEt and the organic phase dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography, eluting with a mixture of DCM and MeOH (97/3; V/V) to give 180 mg (96.5%) of 8-(2-fluoro-4-methylphenyl)-9-(4-[(3S)-1-(3-fluoropropanoyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate (**J1**).

LC/MS (m/z , MH^+): 588

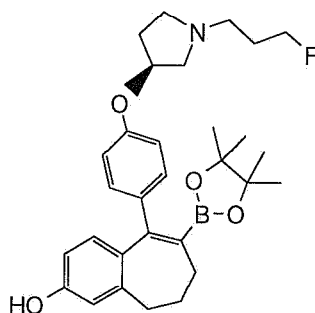
- 10 **Step 6.** 5-[4-[(3S)-1-(1,1-dideuterio-3-fluoro-propyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-fluoro-4-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol (**lc**).



- To a solution of 8-(2-fluoro-4-methylphenyl)-9-(4-[(3S)-1-(3-fluoropropanoyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate (**J1**) (180 mg, 306.28 μmol) in diethylether (5 ml), was added lithium aluminum deuteride (39.36 mg, 918.84 μmol). The reaction mixture was stirred at room temperature for 2 hours, diluted with DCM and a solution of sodium potassium bis-tartrate (1N) was added. The solid formed was filtered and the filtrate was dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography, eluting with a mixture of DCM and MeOH (97/3; V/V) to give 36 mg (23.9%) of 5-[4-[(3S)-1-(1,1-dideuterio-3-fluoro-propyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-fluoro-4-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol (**lc**).

- Example 39.** 6-(3-chloro-2-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol

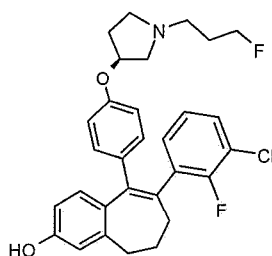
Step 1: 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-8-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D'**)



To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (2.03 g, 4.41 mmol), in dioxane (25 ml) and water (10 ml), was added 4,4,4',4',5,5,5',5'-octamethyl-2,2'-bi(1,3,2-dioxaborolane) (1.34 g, 5.29 mmol), Cs₂CO₃ (2.88 g, 8.82 mmol), and Pd(dppf)Cl₂ (203.77 mg, 264.56 μmol). The reaction mixture was heated at 70°C for 45 minutes, and partitioned between DCM and water. The phases were separated and the organic phase concentrated under reduced pressure. The residue was first purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a crude solid, which was further separated on chiralpak AD 20μm, eluting with a mixture of heptane, ethanol and triethylamine (90/9.9/0.1; V/V/V) to give 967 mg (43%) of 5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-6-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-8,9-dihydro-7H-benzocyclohepten-2-ol (**D'**).

LC/MS (m/z, MH⁺): 509

Step 2: 6-(3-chloro-2-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

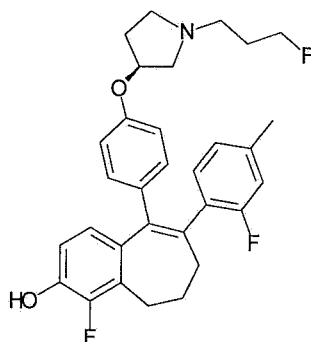


To a solution of 5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-6-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-8,9-dihydro-7H-benzocyclohepten-2-ol (**D'**) (100.3 mg, 197.66 μmol), in dioxane (1 ml) and water (0.5 ml), was added 3-chloro-2-fluoriodobenzene (60.83 mg, 237.19 μmol), Cs₂CO₃ (128.93 mg, 395.31 μmol) and Pd(dppf)Cl₂ (9.68 mg, 11.86 μmol). The reaction mixture was heated at 70°C for 6 hours, and partitioned between DCM and water. The aqueous phase was washed with DCM and organic phases were dried and concentrated under reduced pressure. The residue was

purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 18 mg (18%) of 6-(3-chloro-2-fluoro-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

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Example 45. 1-fluoro-6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol

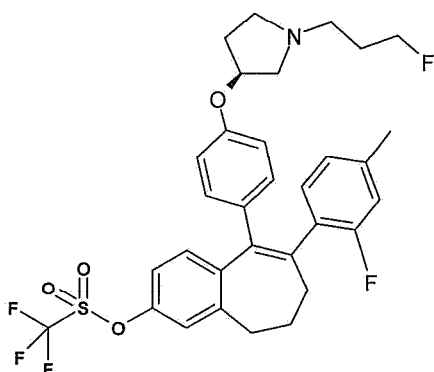


To a solution of 8-bromo-4-fluoro-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D7**) (60 mg, 125.43 μ mol), in dioxane (1 ml) and water (0.5 ml), was added 2-fluoro-4-methylphenylboronic acid (22.12 mg, 137.97 μ mol), Cs_2CO_3 (81.73 mg, 250.85 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (6.15 mg, 7.53 μ mol). The reaction mixture was heated at 80°C for 30 minutes and the solid formed, filtered and washed with dioxane. The filtrate was concentrated under reduced pressure and the residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 45 mg (71%) of 1-fluoro-6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 48. 6-(2-fluoro-4-methyl-phenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid

Method C

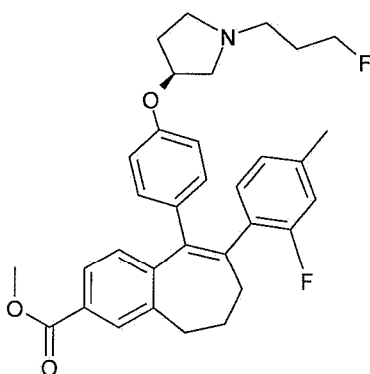
Step 1. 8-(2-Fluoro-4-methylphenyl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl trifluoromethanesulfonate.



To a solution of 8-(2-fluoro-4-methylphenyl)-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (Example 9, 840 mg, 1.60 mmol), in DCM (30 ml), was added pyridine (387.4 μ l, 4.79 mmol), and trifluoromethanesulfonic anhydride (839.5 μ l, 4.79 mmol). The reaction mixture was stirred at room temperature for 16 hours, poured onto ice and partitioned between water and DCM. The aqueous phase was washed with DCM and the gathered organic phases, washed successively with a saturated solution of NaHCO₃, and brine. The organic phase was dried over MgSO₄, filtered, and the filtrate was concentrated under reduced pressure to give 860 mg (86.6%) of crude 8-(2-fluoro-4-methylphenyl)-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl trifluoromethanesulfonate.

LC/MS (m/z, MH⁺): 622

Step 2. Methyl 8-(2-fluoro-4-methylphenyl)-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-carboxylate.

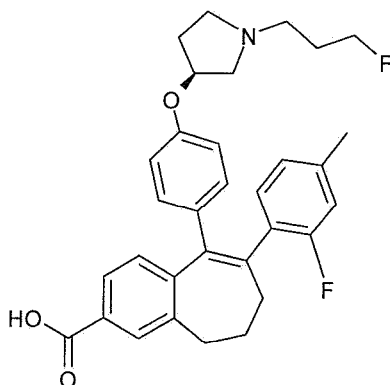


To a solution of 8-(2-fluoro-4-methylphenyl)-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-yl trifluoromethanesulfonate (860 mg, 1.35 mmol), in DMF (10 ml) and MeOH (5 ml), was added triethylamine (1 ml), Pd(OAc)₂ (60.52 mg, 269.54 μ mol), and 1,3-bis(diphenylphosphino)propane (dppp) (115.80 mg, 269.54 μ mol). The reaction mixture was heated at 40°C, under an atmosphere of CO (2 bars), for 16 hours, and concentrated under reduced pressure. The residue was purified

by column chromatography eluting with a mixture of cyclohexane and AcOEt (80/20; V/V) to give 400 mg (55.8%) of methyl 8-(2-fluoro-4-methylphenyl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-carboxylate. LC/MS (m/z, MH⁺): 532

5

Step 3. 8-(2-Fluoro-4-methylphenyl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylic acid

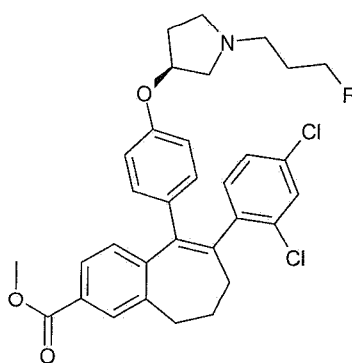


To a solution of methyl 8-(2-fluoro-4-methylphenyl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-carboxylate (390 mg, 733.59 μ mol), MeOH (20 ml), was added NaOH solution (5N, 1.5 ml). The reaction mixture was heated at 60°C, for 2 hours, and concentrated under reduced pressure. The residue was taken up into water (25 ml), and acidified with aqueous HCl (5N, 1.5 ml), and the solid formed was filtered, washed with water and dried under vacuum. The residue was purified by trituration in diisopropyl ether to give 180 mg (47.4%) of 8-(2-fluoro-4-methylphenyl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylic acid.

Example 51. 6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid

Method B:

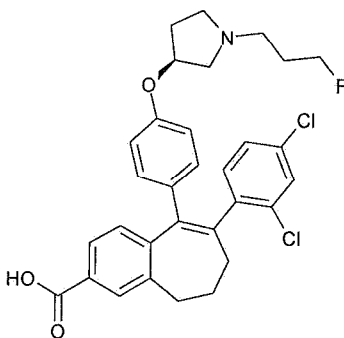
Step 1 : 6-(2,4-dichloro-phenyl)-5-[4-[1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl]-8,9-dihydro-7H-benzocycloheptene-2-arboxylic acid methyl ester.



To a solution of methyl 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate hydrobromide (**D5**) (150 mg, 298.56 μmol), in dioxane (12 ml) and water (2 ml), was added 2,4-dichlorophenyl-boronic acid (62.67 mg, 328.41 μmol), Cs_2CO_3 (204.48 mg, 626.97 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (14.63 mg, 17.91 μmol). The reaction mixture was heated at 90°C for 3 hours, and partitioned between AcOEt and water. The phases were separated and the organic phase washed with brine, dried over MgSO_4 and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a mixture of DCM, acetonitrile and MeOH (96/2/2; V/V/V) to give 80 mg (47%) of 6-(2,4-dichloro-phenyl)-5-{4-[1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-arboxylic acid methyl ester.

LC/MS (m/z , MH^+): 568

Step 2 : 6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid



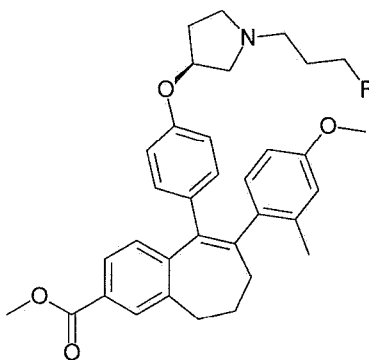
To a solution of 6-(2,4-dichloro-phenyl)-5-{4-[1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-arboxylic acid methyl ester (80 mg, 140.72 μmol) in MeOH (5 ml) was added a solution of NaOH (562.88 μl , 5 M) and the reaction mixture was heated at 60°C for 5 hours and the solvent removed under reduced pressure. The residue was taken up in water (10 ml) and aqueous HCl (5 M) added to pH

7. The slurry was extracted with DCM, dried over MgSO_4 and concentrated under reduced pressure. The solid was purified by column chromatography eluting with a mixture of DCM, acetonitrile and MeOH (90/5/5; V/V/V) to give 60 mg (77%) of 6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-

5 benzo[7]annulene-2-carboxylic acid.

Example 63. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride

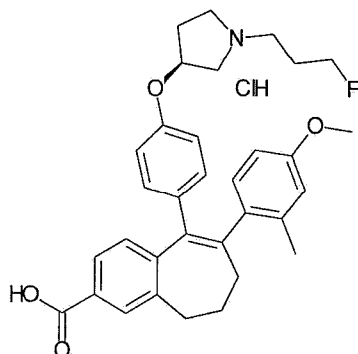
10 **Step 1 :** 6-(4-Methoxy-2-methyl-phenyl)-5-{4-[1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-arboxylic acid methyl ester.



To a solution of methyl 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate hydrobromide (**D5**) (250 mg, 497.60 μmol), in dioxane (12 ml) and water (2 ml), was added 4-methoxy-2-methylphenyl-boronic acid (90.85 mg, 547.36 μmol), Cs_2CO_3 (340.81 mg, 1.04 mmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (24.38 mg, 29.86 μmol). The reaction mixture was heated at 90°C for 2 hours, and partitioned between AcOEt and water. The phases were separated and the organic phase washed with brine, dried over MgSO_4 and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a mixture of DCM, acetonitrile and MeOH (96/2/2; V/V/V) to give 280 mg (100%) of crude 6-(4-methoxy-2-methyl-phenyl)-5-{4-[1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-arboxylic acid methyl ester.

LC/MS (m/z , MH^+): 544

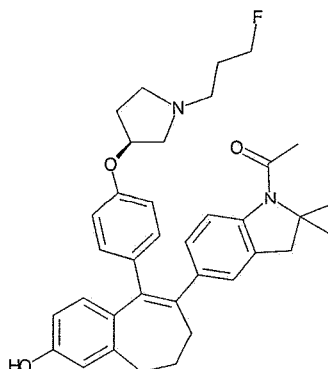
Step 2 : 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxy-2-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride.



- 5 To a solution of 6-(4-methoxy-2-methyl-phenyl)-5-{4-[1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocycloheptene-2-arboxylic acid methyl ester (280 mg, 543.668 μmol) in MeOH (10 ml) was added a solution of NaOH (5 M, 1.5 ml) and the reaction mixture was heated at 60°C for 6 hours and the solvent removed under reduced pressure. The residue was taken up in water (25 ml) and aqueous HCl (5 M) was added to
- 10 pH 7. The slurry was extracted with DCM, dried over MgSO_4 and concentrated under reduced pressure. The solid was purified by column chromatography eluting with a mixture of DCM, acetonitrile and MeOH (90/5/5; V/V/V) to give a solid. This solid was triturated in diisopropyl ether with anhydrous HCl (2 M in diethyl ether) to give a solid which was filtered and dried to give 134 mg (46%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-
- 15 3-yl]oxyphenyl]-6-(4-methoxy-2-methyl-phenyl)-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride.

Example 70. 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol

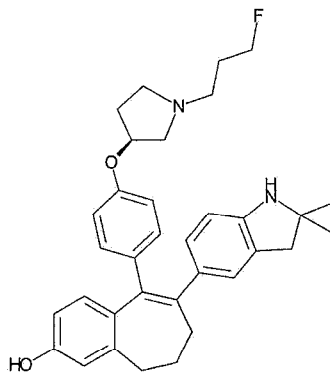
Step 1 : 1-[5-(5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-2,2-dimethyl-2,3-dihydro-indol-1-yl]-ethanone.



To a solution of 8-bromo-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy]phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (93.8 mg, 203.75 μ mol), in dioxane (1 ml) and water (0.5 ml), was added 1-(2,2-dimethyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)indolin-1-yl)ethanone (64.72 mg, 205.32 μ mol), Cs_2CO_3 (132.90 mg, 407.49 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (9.98 mg, 12.22 μ mol). The reaction mixture was heated at 72°C for 45 minutes, and partitioned between DCM and water. The phases were separated on hydrophobic interaction column and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 77 mg (67%) of 1-[5-(5-{4-[(S)-1-(3-Fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-2,2-dimethyl-2,3-dihydro-indol-1-yl]-ethanone.

LC/MS (m/z , MH^+): 569

Step 2: 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol

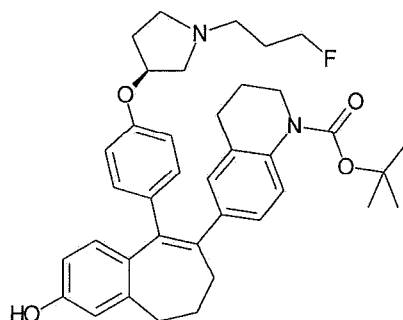


To a solution of (S)-1-(5-(9-(4-(((1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-3-hydroxy-6,7-dihydro-5H-benzo[7]annulen-8-yl)-2,2-dimethylindolin-1-yl)ethanone (73 mg, 128.36

μmol) in dioxane (1.9 ml), was added aqueous HCl (1N, 1.5 ml) and the reaction mixture heated in a microwave oven at 120°C for 2 hours. The reaction mixture was poured onto a saturated aqueous solution of NaHCO₃, and extracted with DCM. The phases were separated on hydrophobic interaction column and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM(0% to 10%) to give 39 mg (58%) of 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 73. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,4-tetrahydroquinolin-6-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol

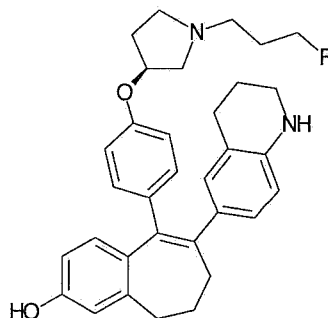
Step 1 : 6-(5-{4-[(S)-1-(3-Fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-3,4-dihydro-2H-quinoline-1-carboxylic acid tert-butyl ester.



To a solution of 8-bromo-9-(4-[[4-(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy]phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (93.4 mg, 202.88 μmol), in dioxane (1 ml) and water (0.5 ml), was added tert-butyl 6-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-3,4-dihydroquinoline-1(2H)-carboxylate (85.18 mg, 237.09 μmol), Cs₂CO₃ (132.33 mg, 405.75 μmol), and Pd(dppf)Cl₂ (9 9.94 mg, 12.17 μmol). The reaction mixture was heated at 72°C for 45 minutes, and partitioned between DCM and water. The phases were separated on hydrophobic interaction column and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 75 mg (60.3%) of 6-(5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-3,4-dihydro-2H-quinoline-1-carboxylic acid tert-butyl ester.

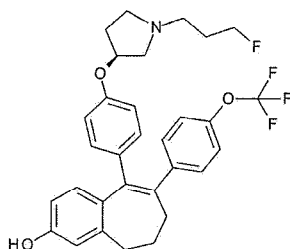
LC/MS (m/z, MH⁺): 613

Step 2: 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



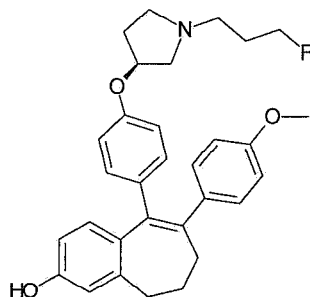
To a solution of 6-(5-{4-[(S)-1-(3- fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-3,4-dihydro-2H-quinoline-1-carboxylic acid tert-butyl ester in DCM (2.4 ml) was added HCl (1M in diethylether, 1.17 ml) and the reaction mixture stirred at room temperature for 18 hours. A saturated aqueous NaHCO₃ solution was added, and the aqueous phase was extracted with DCM. The phases were separated on hydrophobic interaction column and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 57.3 mg (95.1%) of 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 75. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



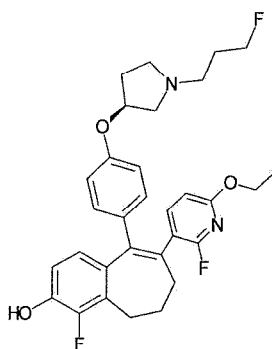
To a solution of 8-bromo-9-(4-{[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (92.9 mg, 201.79 μmol), in dioxane (1 ml) and water (0.5 ml), was added 4-(trifluoromethoxy)phenylboronic acid (54.12 mg, 254.93 μmol), Cs₂CO₃ (131.63 mg, 403.58 μmol), and Pd(dppf)Cl₂ (9.89 mg, 12.11 μmol). The reaction mixture was heated at 72°C for 45 minutes, and partitioned between DCM and water. The phases were separated on hydrophobic interaction column and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 71.3 mg (61.4%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 76. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol



- 5 To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (74.9 mg, 162.69 μmol), in dioxan (1 ml) and water (0.5 ml), was added 4-methoxyphenylboronic acid (34.49 mg, 222.45 μmol), Cs_2CO_3 (131.91 mg, 404.45 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (9.91 mg, 12.13 μmol). The reaction mixture was heated at 72°C for 45 minutes, and partitioned between DCM and water. The phases
10 were separated on hydrophobic interaction column and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 63.9 mg (64.8%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-methoxyphenyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.
15

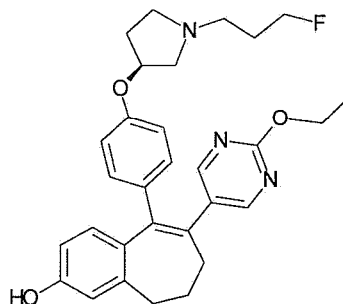
Example 82. 6-(6-ethoxy-2-fluoro-3-pyridyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



- 20 To a solution of 8-bromo-4-fluoro-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D7**) (60 mg, 125.43 μmol), in dioxane (1 ml) and water (0.5 ml), was added 6-ethoxy-2-fluoropyridin-3-yl boronic acid (25.52 mg, 137.97 μmol), Cs_2CO_3 (171.05 mg, 525.0 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (9.66 mg, 12.54 μmol). The reaction mixture was heated at 60°C for 1 hour and partitioned between water and AcOEt

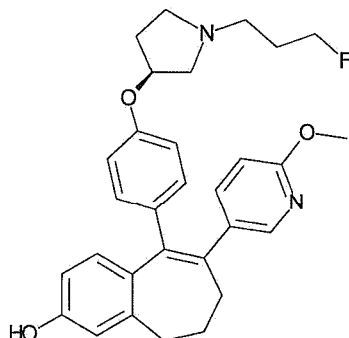
. The aqueous phase was washed with AcOEt and the organic extracts dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified twice by column chromatography eluting first with a mixture of diisopropyl ether/MeOH (90/10; V/V) and with a mixture of DCM/MeOH (98/2) to give 38 mg (56.3%) of 6-(6-ethoxy-2-fluoro-3-pyridyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 107. 6-(2-ethoxypyrimidin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



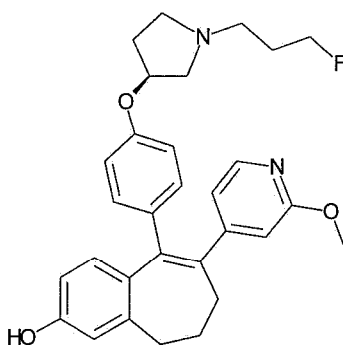
To a solution of 8-bromo-9-(4-[[[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (74.9 mg, 162.69 μmol), in dioxane (1 ml) and water (0.5 ml), was added 2-ethoxypyrimidin-5-yl boronic acid (30.06 mg, 178.96 μmol), Cs_2CO_3 (106.12 mg, 325.38 μmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (7.97 mg, 9.76 μmol). The reaction mixture was heated at 72°C for 1 hour, partitioned between water and DCM and phases separated on hydrophobic partition column. The organic solvents were concentrated under reduced pressure and the residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 47.3 mg (57.7%) of 6-(2-ethoxypyrimidin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 108. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol



To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (90 mg, 195.49 μ mol), in dioxane/water (80/20; V/V; 4 ml), was added 2-methoxy-5-pyridineboronic acid (37.77 mg, 234.59 μ mol), Cs_2CO_3 (133.89 mg, 410.53 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (9.58 mg, 11.73 μ mol). The reaction mixture was heated in a microwave at 90°C for 30 minutes, and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 4%) to give a solid which was further purified on strong cation exchange (SCX) column to give 59 mg (61.8%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(6-methoxy-3-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 109. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methoxy-4-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol

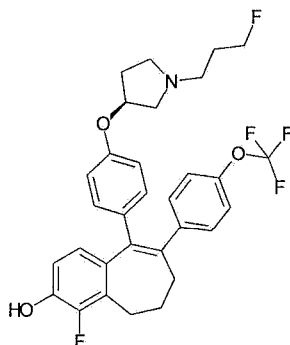


To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (90 mg, 195.49 μ mol), in dioxane/water (80/20; V/V; 4 ml), was added 2-methoxypyridine-4-boronic acid (36.99 mg, 234.59 μ mol), Cs_2CO_3 (133.89 mg, 410.53 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (9.58 mg, 11.73 μ mol). The reaction mixture was heated in a microwave at 90°C for 30 minutes, and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a

gradient of MeOH in DCM (0% to 4%) to give a solid which was further purified on strong cation exchange (SCX) column to give 60 mg (62.8%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(2-methoxy-4-pyridyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.

5

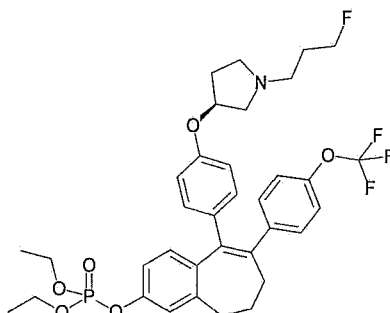
Example 114. 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



- 10 To a solution of 8-bromo-4-fluoro-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D7**) (60 mg, 125.43 μ mol), in dioxane (1 ml) and water (0.5 ml), was added 4-(trifluoromethoxy)phenylboronic acid (29 mg, 137.97 μ mol), Cs_2CO_3 (81.73 mg, 250.85 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (6.15 mg, 7.53 μ mol). The reaction mixture was heated at 80°C for 30 minutes and the solid filtered and washed with dioxane.
- 15 The filtrate was concentrated under reduced pressure and the residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 45 mg (71%) of 1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

- 20 **Example 163.** [5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-yl] dihydrogen phosphate

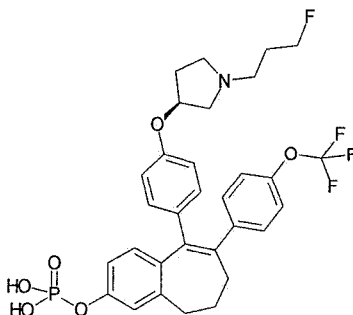
Step 1 : Diethyl 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-8-[4-(trifluoromethoxy)phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-yl phosphate.



To a solution of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-trifluoromethoxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol (Example 75, 312 mg, 576.10 μmol), in acetonitrile (3 ml), was added triethylamine (353.1 μl , 2.54 mmol), and diethyl chlorophosphate (249.76 μl , 1.73 mmol). The reaction mixture was stirred at room temperature for 28 hours, and concentrated under reduced pressure. The residue was purified by strong cation exchange (SCX) column to give 256 mg (65.6%) of diethyl 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-8-[4-(trifluoromethoxy)phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-yl phosphate.

LC/MS (m/z , MH^+): 678

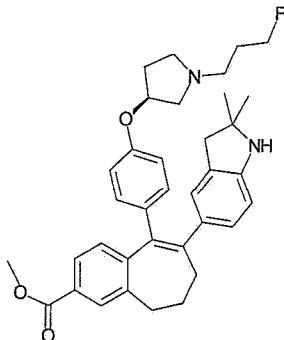
Step 2 : [5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-yl] dihydrogen phosphate.



To a solution of diethyl 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-8-[4-(trifluoromethoxy)phenyl]-6,7-dihydro-5H-benzo[7]annulen-3-yl phosphate (256 mg, 377.77 μmol), in acetonitrile (6 ml), was added iodotrimethylsilane (277.12 μl , 1.89 mmol). The reaction mixture was stirred at room temperature for 1 hour, and concentrated under reduced pressure. The residue was purified by strong cation exchange (SCX) column and reverse phase column chromatography, eluting with a gradient of acetonitrile in water (20% to 80%) to give 167 mg (70.3%) of [5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-yl] dihydrogen phosphate.

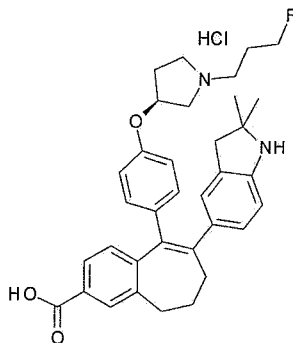
Example 174. 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride

Step 1 : Methyl 8-(2,2-dimethyl-2,3-dihydro-1H-indol-5-yl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate.



To a solution of methyl 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate hydrobromide (**D5**) (500 mg, 845.91 μ mol), in dioxane (12 ml) and water (2 ml), was added 1-(2,2-dimethyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)indolin-1-yl)ethanone (279.98 mg, 888.21 μ mol), Cs_2CO_3 (744.91 mg, 2.28 mmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (41.45 mg, 50.75 μ mol). The reaction mixture was heated in a microwave at 110°C for 1 hour, DCM was added and the organic phase washed with saturated NH_4Cl solution. The organic phase was dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a mixture of DCM, acetonitrile and MeOH (96/2/2; V/V/V) to give 250 mg (48.4%) of methyl 8-(2,2-dimethyl-2,3-dihydro-1H-indol-5-yl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate. LC/MS (m/z , MH^+): 611

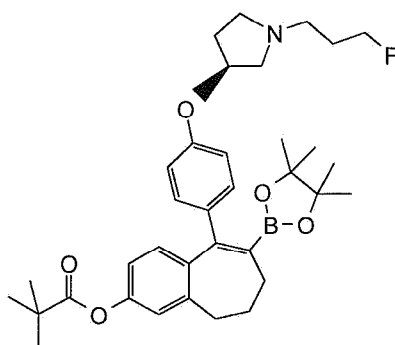
Step 2 : 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride



To a solution of methyl 8-(2,2-dimethyl-2,3-dihydro-1H-indol-5-yl)-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (240 mg, 392.95 μ mol) in MeOH (20 ml) was added NaOH (15.72 mg, 392.95 μ mol) and the reaction mixture was heated under reflux for 3 hours and the solvent removed under reduced pressure. The residue was taken up in water (15 ml), HCl (5 M, 1 ml) was added and the reaction mixture was heated under reflux for 2 hours. NaOH solution was added to pH 7, and the aqueous phase extracted with DCM. The organic phase was washed with brine, dried over MgSO_4 , filtered and concentrated under reduced pressure. The residue was triturated with diisopropyl ether, filtered and dried to give 211 mg (90.8%) of 6-(2,2-dimethylindolin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid hydrochloride.

Example 189. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-oxidopyridin-1-ium-4-yl)-8,9-dihydro-7H-benzo[7]annulene-2-ol

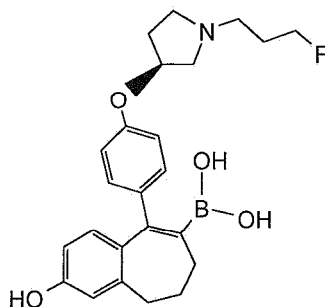
Step 1: 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-8-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-6,7-dihydro-5H-benzo[7]annulene-3-yl 2,2-dimethylpropanoate.



To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-yl-2,2-dimethylpropanoate (**D3**) (1 g, 1.84 mmol), in dioxane (10 ml) and water (5 ml), was added 4,4,4',4',5,5,5',5'-octamethyl-2,2'-bi(1,3,2-dioxaborolane) (559.65 mg, 2.20 mmol), Cs_2CO_3 (1.20 g, 3.67 mmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (84.87 mg, 110.19 μ mol). The reaction mixture was heated under reflux for 24 hours, and partitioned between DCM and water. The aqueous phase was washed with DCM and the gathered organic phase dried over hydrophobic partition column, and evaporated under reduced pressure. The residue was purified by column chromatography eluting with a mixture of DCM and MeOH (98/2; V/V) to give 426 mg (39.2%) of 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-8-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-6,7-dihydro-5H-benzo[7]annulene-3-yl 2,2-dimethylpropanoate.

LC/MS (m/z, MH⁺): 592 (M+H).

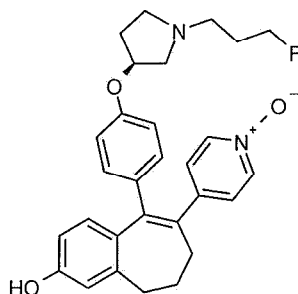
Step 2: [9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-3-hydroxy-6,7-dihydro-5H-benzo[7]annulen-8-yl]boronic acid



To a solution of 9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-8-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-6,7-dihydro-5H-benzo[7]annulen-3-yl 2,2-dimethylpropanoate (426 mg, 720.13 μ mol), in MeOH (10 ml), was added NaOH (2N, 2.16 ml, 4.32 mmol). The reaction mixture was stirred at room temperature for 1.5 hour, and HCl (2N, 2.2 ml) was added. The aqueous phases was washed with DCM, and evaporated under reduced pressure. The residue was triturated with a mixture of DCM and MeOH (95/5, V/V), filtered and concentrated under reduced pressure to give 100 mg (32.7%) of crude [9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-3-hydroxy-6,7-dihydro-5H-benzo[7]annulen-8-yl]boronic acid.

LC/MS (m/z, MH⁺): 426 (M+H).

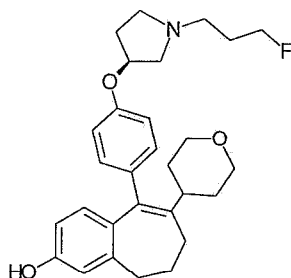
Step 3: 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-oxidopyridin-1-ium-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.



To a solution of [9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-3-hydroxy-6,7-dihydro-5H-benzo[7]annulen-8-yl]boronic acid (100 mg, 235.12 μ mol), in dioxane (8 ml) and water (2 ml), 4-bromopyridine 1-oxide (57.28 mg, 329.17 μ mol), Cs₂CO₃ (161.04 mg, 493.76 μ mol) and Pd(dppf)Cl₂ (11.52 mg, 14.11 μ mol). The reaction mixture was heated at 90°C for 2 hours, and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 4%) to give a

solid which was further purified on strong cation exchange (SCX) column to give 21 mg (18.8%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1-oxidopyridin-1-ium-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.

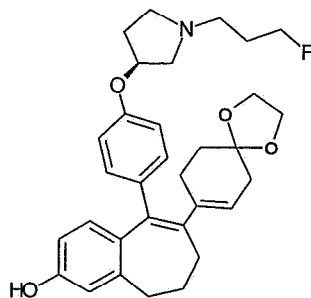
- 5 **Example 203.** 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-tetrahydropyran-4-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol



To a solution of 6-(3,6-dihydro-2H-pyran-4-yl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocyclohepten-2-ol (Example 202, 110 mg, 237.28 μ mol) in AcOEt (3 ml) and ethanol (5 ml), was added palladium on carbon (10%, 2.53 mg, 23.73 μ mol). The reaction mixture was stirred at 50°C under hydrogen atmosphere (5 bars) for 2 hours. The reaction mixture was filtered on celite, washed with MeOH, and the filtrate was concentrated under reduced pressure. The residue was purified by column chromatography eluting with a mixture of DCM and MeOH (90/10; V/V) to give 61 mg (55%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-tetrahydropyran-4-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 204. 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxycyclohexyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol

Step 1: 6-(1,4-Dioxo-spiro[4.5]dec-7-en-8-yl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocyclohepten-2-ol.

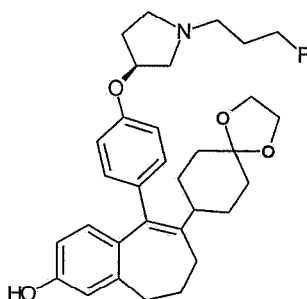


To a solution of 8-bromo-9-(4-{[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy}phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (500 mg, 1.09 mmol), in dioxane/water (80/20; V/V, 25 ml), was added 1,4-dioxo-spiro[4,5]dec-7-en-8-boronic acid pinacoyl ester (412.93 mg,

1.52 mmol), Cs_2CO_3 (743.85 mg, 2.28 mmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (53.22 mg, 65.16 μmol). The reaction mixture was heated at 80°C for 30 minutes, and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 4%) to give a solid which was further purified on strong cation exchange (SCX) column to give 485 mg (85.9%) of 6-(1,4-dioxo-spiro[4.5]dec-7-en-8-yl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocyclohepten-2-ol.

LC/MS (m/z , MH^+): 520

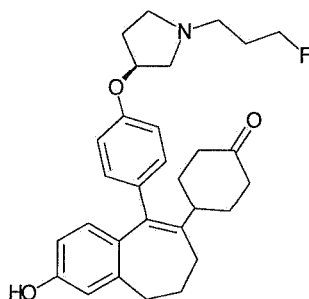
Step 2: 6-(1,4-Dioxo-spiro[4.5]dec-8-yl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocyclohepten-2-ol.



To a solution of 6-(1,4-dioxo-spiro[4.5]dec-7-en-8-yl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocyclohepten-2-ol (485 mg, 933.31 μmol), in AcOEt (10 ml) and ethanol (10 ml), was added palladium on carbon (10%, 9.93 mg, 93.33 μmol). The reaction mixture was stirred at 50°C under hydrogen atmosphere (5 bars) for 24 hours. The reaction mixture was filtered over celite, rinsed with MeOH and the filtrate was concentrated under reduced pressure to give 487 mg (100%) of crude 6-(1,4-dioxo-spiro[4.5]dec-8-yl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocyclohepten-2-ol.

LC/MS (m/z , MH^+): 522

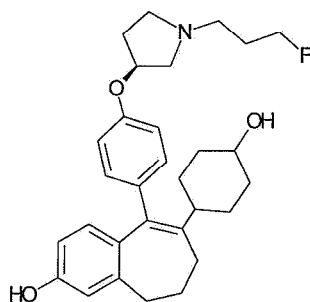
Step 3: 4-(5-{4-[(S)-1-(3-Fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-cyclohexanone.



To a solution of crude 6-(1,4-dioxaspiro[4.5]dec-8-yl)-5-{4-[(S)-1-(3-fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-8,9-dihydro-7H-benzocyclohepten-2-ol (487 mg, 933.53 μ mol) in acetone (2 ml) was added concentrated aqueous HCl (1.4 ml) and the reaction mixture was stirred at room temperature for 4 days. A saturated aqueous solution of NaHCO₃ and DCM was added and the phases were separated on hydrophobic interaction column. The organic phase was concentrated under reduced pressure and the residue purified by column chromatography eluting with a mixture of MeOH in DCM (3/97; V/V) to give 390 mg (87.5%) of 4-(5-{4-[(S)-1-(3-Fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-cyclohexanone.

LC/MS (m/z, MH⁺): 478.

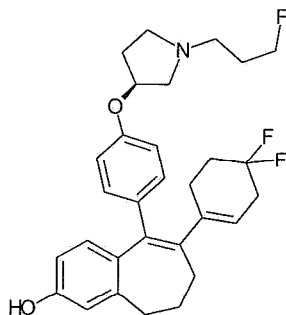
Step 4: 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxycyclohexyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.



To a solution of 4-(5-{4-[(S)-1-(3-Fluoro-propyl)-pyrrolidin-3-yloxy]-phenyl}-2-hydroxy-8,9-dihydro-7H-benzocyclohepten-6-yl)-cyclohexanone (200 mg, 418.74 μ mol), in MeOH (4 ml), was added sodium borohydride (147.3 mg, 3.89 mmol). The reaction mixture was stirred at room temperature for 4 days, and water was added. A solid forms which was filtered, rinsed with water and purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 28 mg (14%) of 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxycyclohexyl)-8,9-dihydro-7H-

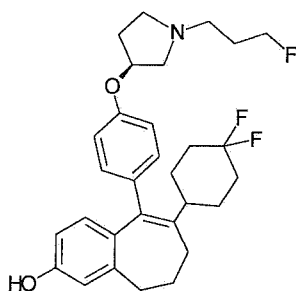
benzo[7]annulen-2-ol

Example 207. 6-(4,4-difluorocyclohexen-1-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol



To a solution of 8-bromo-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (200 mg, 434.42 μ mol) in dioxane/water (80/20; V/V, 10 ml), was added 2-(4,4-difluorocyclohex-1-en-1-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane (127.24 mg, 521.30 μ mol), Cs_2CO_3 (297.53 mg, 912.28 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (20.08 mg, 26.07 μ mol). The reaction mixture was heated at 90°C for 30 minutes, and the solvent was concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give a solid which was further purified on strong cation exchange (SCX) column to give 95 mg (44%) of 6-(4,4-difluorocyclohexen-1-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 208. 6-(4,4-difluorocyclohexyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol

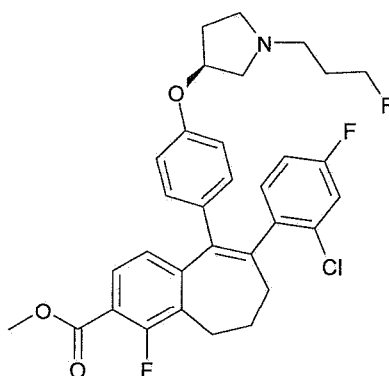


To a solution of 6-(4,4-difluorocyclohexen-1-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol (95 mg, 190.92 μ mol), in AcOEt (3 ml) and ethanol (5 ml) was added palladium on carbon (10%, 2.03 mg, 19.09 μ mol). The reaction mixture was stirred at 50°C under hydrogen atmosphere (5 bars) for 2 hours and filtered on celite, rinsed with MeOH and the filtrate was concentrated under reduced pressure. The residue was purified by column chromatography eluting with a mixture of

MeOH in DCM (3/97; V/V) to give 70 mg (73.4%) of 6-(4,4-difluorocyclohexyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Example 213. 6-(2-chloro-4-fluoro-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid

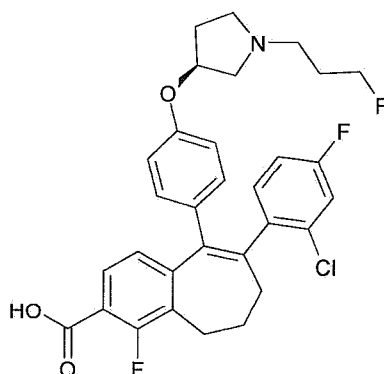
Step 1: Methyl 8-(2-chloro-4-fluorophenyl)-4-fluoro-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate.



To a solution of methyl 8-bromo-4-fluoro-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate, hydrobromide (**D8**) (200 mg, 332.60 μ mol) in dioxane (15 ml) was added 2-chloro-4-fluorophenyl boronic acid (69.59 mg, 399.12 μ mol), Cs_2CO_3 (465.64 μ l, 698.46 μ mol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (15.37 mg, 19.96 μ mol). The reaction mixture was heated at 70°C for 1 hour, and concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 5%), to give a solid which was further purified on strong cation exchange (SCX) column to give 170 mg (89.7%) of methyl 8-(2-chloro-4-fluorophenyl)-4-fluoro-9-(4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate.

LC/MS (m/z , MH^+): 570

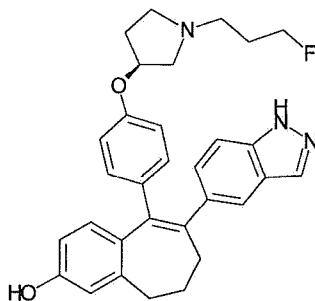
Step 2: 6-(2-chloro-4-fluoro-phenyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid.



To a solution of methyl 8-(2-chloro-4-fluorophenyl)-4-fluoro-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulene-3-carboxylate (170 mg, 298.22 μmol) in MeOH (150 ml), was added NaOH 5 M (238.58 μl , 1.19 mmol).

- 5 The reaction mixture was heated at 90°C for 2 hours, aqueous HCl (5 N) was added, and purified on strong cation exchange (SCX) column to give 65 mg (39.2%) of 6-(2-chloro-4-fluoro-phenyl)-1-fluoro-5-[4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid.

- 10 **Example 215.** 5-[4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl]-6-(1H-indazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol



To a solution of 8-bromo-9-(4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxy)phenyl)-6,7-dihydro-5H-benzo[7]annulen-3-ol (**D4**) (306.6 mg, 665.97 μmol), in dioxane (4 mL) and water (0.5 ml), was added 5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1H-indazole (201 mg, 823.43 μmol), Cs_2CO_3 (557 mg, 1.71 mmol), and $\text{Pd}(\text{dppf})\text{Cl}_2$ (70 mg, 85.72 μmol). The reaction mixture was heated at 72°C for 4 hours and partitioned between water and DCM. The phases were separated on hydrophobic interaction column and the organic phase concentrated under reduced pressure. The residue was purified by column chromatography eluting with a gradient of MeOH in DCM (0% to 10%) to give 26 mg (8%) of 5-[4-((3S)-1-(3-fluoropropyl)pyrrolidin-3-yl)oxyphenyl]-6-(1H-indazol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol.

Some compounds according to the invention were subjected to pharmacological tests for determining their antagonist and degradation effects on estrogen receptors.

Test A: Biochemical antagonist activity on wild type (WT) and mutants estrogen receptors

Test A involves measuring the *in vitro* antagonist activity of the compounds of the invention on estrogen receptors.

The measurements of the antagonist activities were made using an estrogen receptor coactivator assay as described hereunder.

Antagonistic potency of compounds was evaluated using LanthaScreen® TR-FRET ER α Coactivator Assay (ThermoFisher) with modifications. It is a competition assay, where binding of a test compound to a complex comprised of (i) His6-ER α 298-554 protein representing ER α ligand-binding domain, (ii) Tb-labeled His6 antibody, (iii) a fluorescein-labeled PGC1 α coactivator peptide (EAEEPSLLKKLLAPANTQ), and (iv) estradiol, results in a decrease of the TR-FRET signal due to dissociation of the coactivator peptide. His6-ER α 298-554 proteins were expressed as WT or D538G or Y537S mutants in *E. coli* and purified by affinity chromatography. The assay works in a homogeneous mix-and-read format. In a typical experiment, a 4 μ L mixture of 0.5 nM His6-ER α 298-554, 0.5 nM Tb-labeled His6 antibody, 250 nM PGC1 α peptide, and 3 nM estradiol in 100 mM potassium phosphate, pH 7.4, 0.01% Tween-20, 0.02% NaN₃, 5 mM DTT, was added to 40 nL test compound in DMSO and incubated overnight at room temperature. The TR-FRET 520:495 nm emission ratio was calculated and used to determine the IC₅₀ value from a dose response curve fit to the 4-parameter logistic equation.

The antagonist activity with respect to estrogen receptors in this test is given by the concentration which inhibits 50% of the estrogen receptor activity (or IC₅₀) in nM.

The Table 2 below indicates the biochemical results of antagonist activity on WT and mutants estrogen receptors for the compounds according to the invention, and demonstrates that the compounds tested have an antagonist activity regarding estrogen receptors.

Table 2:

Examples	Antagonism	Antagonism D538G	Antagonism
	WT IC ₅₀ (nM)	IC ₅₀ (nM)	Y537S IC ₅₀ (nM)

Example 1	7	32	22
Example 2	5	30	22
Example 3	37	268	139
Example 4	19	117	68
Example 5	7	21	21
Example 6	2	4	3
Example 7	5	36	19
Example 8	3	15	8
Example 9	3	20	10
Example 10	2	5	3
Example 11	2	4	3
Example 12	3	18	10
Example 13	4	19	11
Example 14	3	15	7
Example 15	5	37	24
Example 16	14	109	63
Example 17	3	24	15
Example 18	5	28	21
Example 19	8	49	26
Example 20	2	12	9
Example 21	7	30	26
Example 22	7	45	26
Example 23	3	9	4
Example 24	152	759	475
Example 25	284	937	726
Example 26	199	443	341
Example 27	3	10	6
Example 28	2	5	4
Example 29	2	4	2
Example 30	5	20	9
Example 31	2	19	12
Example 32	3	32	24
Example 33	3	41	24
Example 34	2	18	11
Example 35	12	244	134

Example 36	3	90	50
Example 37	14	309	241
Example 38	39	652	651
Example 39	4	76	53
Example 40	16	289	224
Example 41	10	177	133
Example 42	2	55	33
Example 43	0.8	14	11
Example 44	1	16	12
Example 45	2	40	23
Example 46	1	21	16
Example 47	2	31	23
Example 48	44	1119	549
Example 49	1	11	6
Example 50	10	208	113
Example 51	15	389	221
Example 52	2	49	29
Example 53	244	3541	2857
Example 54	1	8	5
Example 55	23	635	338
Example 56	15	389	204
Example 57	3	56	39
Example 58	2	37	24
Example 59	2	57	34
Example 60	3	68	39
Example 61	10	178	99
Example 62	20	337	178
Example 63	6	132	72
Example 64	6	149	88
Example 65	2	38	25
Example 66	12	217	127
Example 67	5	145	85
Example 68	12	184	109
Example 69	5	172	90
Example 70	2	36	22

Example 71	1	28	18
Example 72	31	895	498
Example 73	4	59	40
Example 74	2	28	26
Example 75	56	1295	679
Example 76	2	40	23
Example 77	1	19	13
Example 78	17	298	185
Example 79	9	182	113
Example 80	13	389	203
Example 81	7	128	93
Example 82	1	24	16
Example 83	51	842	648
Example 84	74	1464	964
Example 85	58	1111	735
Example 86	12	313	172
Example 87	9	150	93
Example 88	5	139	78
Example 89	1	12	8
Example 90	13	263	190
Example 91	2	35	18
Example 92	34	840	504
Example 93	2	29	24
Example 94	25	485	322
Example 95	12	243	150
Example 96	20	307	196
Example 97	9	127	78
Example 98	1	18	12
Example 99	18	804	280
Example 100	83	1329	1014
Example 101	14	269	163
Example 102	5	123	71
Example 103	4	86	55
Example 104	2	30	17
Example 105	8	129	81

Example 106	15	524	607
Example 107	42	977	507
Example 108	1	33	19
Example 109	1	29	17
Example 110	14	274	168
Example 111	4	120	67
Example 112	4	76	46
Example 113	34	633	434
Example 114	21	346	242
Example 115	6	86	71
Example 116	2	37	25
Example 117	12	238	163
Example 118	17	245	164
Example 119	62	953	714
Example 120	38	585	357
Example 121	4	76	56
Example 122	2	40	24
Example 123	4	72	46
Example 124	13	215	170
Example 125	8	154	106
Example 126	33	661	541
Example 127	30	603	347
Example 128	89	2046	1692
Example 129	23	474	290
Example 130	3	59	44
Example 131	15	387	253
Example 132	77	1371	1249
Example 133	20	384	190
Example 134	2	28	28
Example 135	59	1077	1226
Example 136	11	201	134
Example 137	28	595	363
Example 138	50	697	323
Example 139	2	43	28
Example 140	52	996	685

Example 141	27	475	436
Example 142	5	117	64
Example 143	4	100	57
Example 144	46	759	645
Example 145	2	44	28
Example 146	9	152	67
Example 147	54	982	583
Example 148	62	1037	916
Example 149	5	114	72
Example 150	91	1768	2148
Example 151	122	1641	>4000
Example 152	8	268	132
Example 153	4	74	47
Example 154	10	191	117
Example 155	11	231	141
Example 156	90	885	1006
Example 157	3	84	53
Example 158	5	106	63
Example 159	241	3816	2563
Example 160	15	266	110
Example 161	23	396	169
Example 162	16	290	159
Example 163	N/A*	N/A*	N/A*
Example 164	8	191	121
Example 165	2	47	27
Example 166	13	560	299
Example 167	3	42	33
Example 168	228	3844	>4000
Example 169	46	868	787
Example 170	6	143	89
Example 171	2	33	20
Example 172	95	1632	1072
Example 173	154	2346	1495
Example 174	31	707	429
Example 175	1	20	14

Example 176	33	873	435
Example 177	289	>4000	2911
Example 178	2	52	29
Example 179	46	755	538
Example 180	7	133	78
Example 181	14	260	187
Example 182	10	176	120
Example 183	9	180	125
Example 184	49	991	459
Example 185	67	1545	981
Example 186	6	118	75
Example 187	28	476	321
Example 188	1	23	16
Example 189	183	2973	2414
Example 190	37	623	444
Example 191	0	6	4
Example 192	1	18	11
Example 193	57	939	516
Example 194	4	66	38
Example 195	2	56	34
Example 196	15	354	198
Example 197	11	169	124
Example 198	62	1039	586
Example 199	1	21	15
Example 200	195	3450	3097
Example 201	6	125	74
Example 202	5	94	67
Example 203	3	69	48
Example 204	2	50	29
Example 205	12	331	187
Example 206	27	606	374
Example 207	3	58	39
Example 208	1	32	19
Example 209	33	703	543
Example 210	11	283	162

Example 211	30	618	443
Example 212	84	2366	1111
Example 213	22	529	334
Example 214	2	39	23
Example 215	4	88	57
Example 216	31	743	431
Example 217	39	960	632
Example 218	61	1472	779
Example 219	84	1595	1094

N/A*: Not available. Prodrug of example 75

Test B: Cell proliferation/viability assay on MCF7 (breast tumor cells) WT and mutants cell lines

5 Test B involves measuring the *in vitro* proliferation activity of the compounds of the invention by analyzing the viability of the tumor cells.

The measurements of the viability were made using a breast cancer cell viability assay as described hereunder.

10 MCF7 cells expressing (and dependent) on mutants estrogen receptor Tyr 537 Ser or Asp 538 Gly were generated by transfection of MCF7 parental cells (ATCC) with expression vectors coding for different mutants of estrogen receptor Tyr 537 Ser or Asp 538 Gly. The cells were first selected by antibiotic (related to vector expression) and then selected for their growth dependence on estrogen receptor based on their ability to grow *in vitro* in absence of estradiol (parental cell line die in absence of estradiol).

15 MCF7 cells (ATCC) or MCF7 cells expressing (and dependent) on mutants estrogen receptor Tyr 537 Ser or Asp 538 Gly were seeded in 384 wells microplate at concentration of 1000 cells/30 μ L per well in red phenol free MEM medium containing 5% charcoal dextran striped FBS. The following day, 9 points serial 1:5 dilution of each compound were added to the cells in 20 μ L at final concentrations ranging from 3-
20 0.000001 μ M. After 7 days of compound exposure, 50 μ L of CellTiter-Glo (Promega) was added to the cells and relative luminescence arbitrary units (RLUs) were determined in luminescence plate reader (Envision device). CellTiter-Glo was added to 50 μ L medium without cells to determine the background signal.

25 The percent of viability of each sample was determined as follows: (RLU sample – RLU background / RLU untreated – RLU background) * 100 = % viability.

The viability activity with respect to estrogen receptors in this test is given by the concentration which inhibits 50% of the viability activity (or IC50) in nM.

The Table 3 below indicates the cell proliferation/viability assay results on MCF7 (breast tumor cells) WT and mutants cell lines, for the compounds according to the invention, and demonstrates that the compounds tested have a significant antiproliferative activity regarding estrogen receptors.

Table 3:

Examples	proliferation MCF7 (WT) IC ₅₀ (nM)	proliferation MCF7 D538G IC ₅₀ (nM)	proliferation MCF7 Y537S IC ₅₀ (nM)
Example 1	0.6	0.1	3
Example 2	1	0.1	6
Example 3	9	0.2	17
Example 4	5	0.2	11
Example 5	0.3	0.2	2
Example 6	3	0.1	3
Example 7	0.2	0.3	1
Example 8	4	0.1	6
Example 9	0.4	1	5
Example 10	7	0.4	15
Example 11	3	0.2	7
Example 12	28	2	35
Example 13	0.5	0.4	5
Example 14	2	0.1	2
Example 15	0.2	0.4	4
Example 16	3	0.4	7
Example 17	0.2	0.3	2
Example 18	0.7	1	5
Example 19	5	0.4	19
Example 20	5	0.1	14
Example 21	23	2	36
Example 22	6	30	306
Example 23	0.2	1	4
Example 24	63	7	71

Example 25	48	5	67
Example 26	25	4	31
Example 27	0.2	1	8
Example 28	0.2	1	7
Example 29	0.5	1	3
Example 30	36	2	39
Example 31	4	0.3	6
Example 32	0.3	1	3
Example 33	0.3	1	3
Example 34	0.2	0.4	2
Example 35	0.2	1	5
Example 36	0.3	0.4	4
Example 37	0.5	1	7
Example 38	0.6	1	9
Example 39	0.2	1	4
Example 40	0.2	0.4	4
Example 41	0.2	1	4
Example 42	0.4	1	6
Example 43	0.4	1	5
Example 44	0.2	1	3
Example 45	0.7	2	14
Example 46	0.6	1	8
Example 47	0.3	0.3	3
Example 48	0.7	2	13
Example 49	0.4	1	5
Example 50	0.2	0.3	4
Example 51	0.4	1	10
Example 52	0.3	1	5
Example 53	10	21	112
Example 54	0.1	0.2	2
Example 55	2	4	39
Example 56	0.5	2	10
Example 57	0.2	0.3	3
Example 58	0.3	1	4
Example 59	0.1	0.5	3

Example 60	0.4	0.3	5
Example 61	0.3	1	4
Example 62	0.4	1	7
Example 63	0.4	1	5
Example 64	0.3	0.4	4
Example 65	0.1	1	2
Example 66	0.4	1	6
Example 67	0.2	0.4	3
Example 68	0.2	0.3	2
Example 69	0.3	1	5
Example 70	0.2	1	8
Example 71	0.2	0.4	4
Example 72	0.6	1	14
Example 73	0.9	2	15
Example 74	0.1	0.3	2
Example 75	0.5	1	7
Example 76	0.2	0.3	3
Example 77	0.1	0.3	2
Example 78	0.4	0.4	6
Example 79	6	0.6	12
Example 80	0.5	1	11
Example 81	0.2	0.2	4
Example 82	0.8	1	8
Example 83	1	1	14
Example 84	0.7	1	13
Example 85	0.8	1	9
Example 86	0.4	1	5
Example 87	0.1	0.4	2
Example 88	0.2	0.3	4
Example 89	0.2	0.3	3
Example 90	0.4	0.3	6
Example 91	0.1	0.2	1
Example 92	0.5	1	8
Example 93	0.2	1	4
Example 94	0.7	1	7

Example 95	0.5	1	10
Example 96	0.8	1	5
Example 97	0.2	0.1	1
Example 98	0.4	0.3	2
Example 99	0.4	1	3
Example 100	1	2	15
Example 101	0.8	1	6
Example 102	0.1	0.3	1
Example 103	0.5	1	5
Example 104	0.1	0.1	1
Example 105	0.3	0.3	4
Example 106	1	3	54
Example 107	0.5	1	12
Example 108	0.2	0.1	1
Example 109	0.2	0.1	2
Example 110	0.4	1	9
Example 111	0.2	0.2	3
Example 112	0.2	0.2	4
Example 113	0.6	2	11
Example 114	0.4	1	5
Example 115	0.3	1	5
Example 116	0.1	1	2
Example 117	0.5	1	6
Example 118	0.2	0.2	2
Example 119	0.7	2	8
Example 120	0.3	1	6
Example 121	0.3	1	2
Example 122	0.2	1	2
Example 123	0.2	1	5
Example 124	0.3	1	4
Example 125	0.2	1	3
Example 126	1	3	30
Example 127	0.1	0.4	1
Example 128	8	17	96
Example 129	0.1	0.3	5

Example 130	0.2	1	5
Example 131	0.4	1	11
Example 132	0.7	2	19
Example 133	1	2	29
Example 134	0.1	0.3	3
Example 135	1	3	21
Example 136	0.2	1	5
Example 137	0.2	1	7
Example 138	0.8	3	19
Example 139	0.1	1	3
Example 140	1	3	24
Example 141	0.3	1	5
Example 142	0.2	0.2	2
Example 143	0.7	1	5
Example 144	2	2	25
Example 145	0.3	0.4	3
Example 146	0.4	1	4
Example 147	2	2	20
Example 148	2	2	11
Example 149	0.7	1	6
Example 150	3	2	18
Example 151	0.9	1	16
Example 152	0.4	0.3	4
Example 153	0.1	0.1	1
Example 154	0.4	0.3	4
Example 155	0.1	0.2	2
Example 156	2	4	11
Example 157	0.6	0.2	2
Example 158	0.5	1	5
Example 159	8	11	112
Example 160	0.7	1	6
Example 161	0.8	1	7
Example 162	0.6	1	3
Example 163	N/A*	N/A *	N/A*
Example 164	2	0.2	2

Example 165	0.4	0.3	4
Example 166	0.8	1	12
Example 167	0.4	1	3
Example 168	4	5	33
Example 169	10	1	1
Example 170	3	0.3	0.3
Example 171	0.9	0.1	0.1
Example 172	30	2	4
Example 173	5	11	177
Example 174	1	3	40
Example 175	0.2	1	10
Example 176	5	12	108
Example 177	11	18	187
Example 178	0.5	2	15
Example 179	1	3	35
Example 180	2	3	39
Example 181	2	4	52
Example 182	0.3	1	15
Example 183	1	1	9
Example 184	1	2	36
Example 185	41	77	1000
Example 186	0.9	2	26
Example 187	19	34	1000
Example 188	0.1	0.1	3
Example 189	12	27	246
Example 190	7	15	148
Example 191	0.5	2	19
Example 192	0.6	2	17
Example 193	0.6	1	20
Example 194	0.3	1	8
Example 195	0.2	0.2	4
Example 196	1	5	43
Example 197	0.2	1	6
Example 198	3	11	79
Example 199	0.2	1	2

Example 200	78	108	1000
Example 201	0.02	1	4
Example 202	0.3	1	6
Example 203	0.1	1	4
Example 204	0.1	0.3	1
Example 205	8	28	119
Example 206	1	8	26
Example 207	0.3	1	3
Example 208	0.1	0.3	1
Example 209	8	25	68
Example 210	0.5	2	8
Example 211	0.7	2	10
Example 212	4	14	112
Example 213	1	2	8
Example 214	0.1	1	2
Example 215	1	18	51
Example 216	1	6	19
Example 217	0.3	12	23
Example 218	1	13	29
Example 219	1	9	36

N/A*: Not available. Prodrug of example 75

Test C: Estrogen receptor degradation activity

5 Test C involves measuring the *in vitro* degradation activity of the compounds of the invention.

The measurements of the degradation activities were made using a breast cancer cell ER α in cell western assay as described hereunder.

10 MCF7 cells (ATCC) were seeded in 384 wells microplate (collagen coated) at concentration of 10000 cells/ 30 μ L per well in red phenol free MEM alpha medium (invitrogen) containing 5% charcoal dextran striped FBS. The following day, 9 points serial 1:5 dilution of each compound were added to the cells in 2.5 μ L at final concentrations ranging from 3-0.000018 μ M or 0.1 μ M for fulvestrant (using as positive control). At 4 hours post compounds addition the cells were fixed by adding 25 μ L of formalin (final concentration 5% formalin containing 0.1 % triton) for 10 minutes at room temperature
15 and then washed twice with PBS. Then, 50 μ L of LI-COR blocking buffer containing 0.1%

Triton was added to plate for 30 minutes at room temperature. LI-COR blocking buffer was removed and cells were incubated overnight at cold room with 50 μ L anti-ER rabbit monoclonal antibody (Thermo scientific MA1-39540) diluted at 1:1000 in LI-COR blocking buffer containing 0.1 % tween-20. Wells which were treated with blocking but no antibody were used as background control. Wells were washed twice with PBS (0.1 % tween-20) and incubated at 37 °C for 60 minutes in LI-COR (0.1 % tween-20) containing goat anti-rabbit antibody Alexa 488 (1:1000) and Syto-64 a DNA dye (2 μ M final concentration). Cells were then washed 3 times in PBS and scanned in ACUMEN explorer (TTP-Labtech). Integrated intensities in the green fluorescence and red fluorescence were measured to determine the levels of ER α and DNA respectively.

The degradation activity with respect to estrogen receptors in this test is given by the concentration which degrades 50% of the estrogen receptor (or IC₅₀) in nM.

The % of ER α levels decrease were determined as follows: % inhibition = 100 * (1 - (sample – fulvestrant : DMSO - fulvestrant)).

The Table 4 below indicates the estrogen receptor degradation activity results for the compounds according to the invention, and demonstrates that compounds tested have a significant degradation activity on estrogen receptors.

Table 4:

Examples	Degradation IC ₅₀ (nM)	% Degradation At 3 μ M
Example 1	0.4	88
Example 2	0.4	97
Example 3	3	82
Example 4	0.3	90
Example 5	0.3	93
Example 6	0.7	90
Example 7	0.5	97
Example 8	0.5	96
Example 9	0.7	95
Example 10	0.2	92
Example 11	0.7	89
Example 12	0.5	82
Example 13	0.5	91

Example 14	0.3	94
Example 15	0.2	95
Example 16	2	90
Example 17	0.8	83
Example 18	0.9	90
Example 19	1	82
Example 20	0.2	87
Example 21	0.2	83
Example 22	2	81
Example 23	2	82
Example 24	28	86
Example 25	38	91
Example 26	11	92
Example 27	2	91
Example 28	1	92
Example 29	0.4	88
Example 30	2	82
Example 31	1	91
Example 32	2	87
Example 33	0.6	86
Example 34	1	83
Example 35	0.8	89
Example 36	0.4	90
Example 37	1	95
Example 38	1	96
Example 39	0.5	91
Example 40	0.2	88
Example 41	0.3	85
Example 42	0.3	84
Example 43	0.2	83
Example 44	0.2	80
Example 45	0.2	93
Example 46	0.2	94
Example 47	0.4	90
Example 48	0.2	96

Example 49	0.2	94
Example 50	0.4	92
Example 51	0.2	98
Example 52	0.4	92
Example 53	8	95
Example 54	0.2	92
Example 55	5	87
Example 56	2	85
Example 57	0.5	86
Example 58	0.7	84
Example 59	0.4	86
Example 60	1	84
Example 61	1	86
Example 62	0.7	96
Example 63	0.3	95
Example 64	0.4	88
Example 65	0.8	89
Example 66	0.6	90
Example 67	2	92
Example 68	1	92
Example 69	0.2	87
Example 70	0.7	80
Example 71	0.6	83
Example 72	2	88
Example 73	0.4	86
Example 74	0.4	84
Example 75	2	84
Example 76	0.3	88
Example 77	0.3	83
Example 78	0.9	92
Example 79	0.9	84
Example 80	1	90
Example 81	0.6	83
Example 82	0.5	83
Example 83	2	80

Example 84	2	92
Example 85	1	92
Example 86	0.7	89
Example 87	0.4	90
Example 88	0.5	86
Example 89	0.6	84
Example 90	1	83
Example 91	0.2	86
Example 92	2	89
Example 93	0.3	86
Example 94	2	88
Example 95	1	84
Example 96	1	86
Example 97	0.7	95
Example 98	1	86
Example 99	0.9	94
Example 100	3	93
Example 101	1	87
Example 102	0.6	87
Example 103	1	86
Example 104	0.6	84
Example 105	0.3	93
Example 106	2	87
Example 107	2	89
Example 108	0.2	87
Example 109	0.5	80
Example 110	0.8	83
Example 111	0.3	84
Example 112	0.6	88
Example 113	0.2	90
Example 114	0.2	88
Example 115	0.2	89
Example 116	0.2	85
Example 117	0.2	85
Example 118	0.2	87

Example 119	0.2	81
Example 120	0.2	85
Example 121	0.2	87
Example 122	0.2	85
Example 123	0.2	83
Example 124	0.2	87
Example 125	0.2	93
Example 126	0.2	86
Example 127	0.2	89
Example 128	1	82
Example 129	0.2	90
Example 130	0.2	80
Example 131	0.2	84
Example 132	0.3	89
Example 133	0.2	88
Example 134	0.2	87
Example 135	0.2	85
Example 136	0.2	82
Example 137	0.2	85
Example 138	0.3	88
Example 139	0.2	80
Example 140	0.2	86
Example 141	0.2	84
Example 142	0.2	84
Example 143	0.2	81
Example 144	2	86
Example 145	0.2	83
Example 146	0.2	83
Example 147	0.2	88
Example 148	0.2	83
Example 149	0.2	82
Example 150	1	82
Example 151	1	81
Example 152	0.2	80
Example 153	0.2	91

Example 154	0.2	87
Example 155	0.2	89
Example 156	0.2	85
Example 157	0.2	81
Example 158	0.2	82
Example 159	0.7	84
Example 160	0.2	83
Example 161	0.2	81
Example 162	0.2	82
Example 163	N/A*	N/A*
Example 164	0.2	88
Example 165	0.2	82
Example 166	0.5	86
Example 167	0.2	81
Example 168	0.6	91
Example 169	1	87
Example 170	0.5	82
Example 171	0.3	83
Example 172	2	80
Example 173	9	85
Example 174	0.7	92
Example 175	0.2	88
Example 176	2	81
Example 177	8	92
Example 178	0.2	94
Example 179	0.9	94
Example 180	3	91
Example 181	3	94
Example 182	0.2	93
Example 183	0.7	98
Example 184	2	95
Example 185	9	80
Example 186	0.9	87
Example 187	15	90
Example 188	0.2	91

Example 189	22	90
Example 190	7	80
Example 191	0.5	89
Example 192	0.3	88
Example 193	0.2	88
Example 194	0.8	90
Example 195	0.2	87
Example 196	8	86
Example 197	0.6	92
Example 198	3	81
Example 199	0.2	95
Example 200	15	85
Example 201	0.3	90
Example 202	0.2	84
Example 203	0.2	81
Example 204	0.2	82
Example 205	4	88
Example 206	1	85
Example 207	0.2	86
Example 208	0.2	94
Example 209	8	91
Example 210	1	91
Example 211	0.3	95
Example 212	2	94
Example 213	0.2	96
Example 214	0.5	92
Example 215	1.5	80
Example 216	3	90
Example 217	2	90
Example 218	3	92
Example 219	1	89

N/A: Not available. Prodrug of example 75*

It is therefore apparent that the compounds of the invention have antagonist and degradation activities for estrogen receptors, as well as antiproliferative activity. The

compounds according to the invention can therefore be used for preparing medicaments, especially medicaments which are antagonists and degraders of estrogen receptors.

Accordingly, in another of its aspects, the invention provides medicaments which
5 comprise a compound of the formula (I), or a pharmaceutically acceptable salt thereof.

The invention also relates to the compounds of formula (I) defined above, or a pharmaceutically acceptable salt thereof, for use in therapy, especially as inhibitors and degraders of estrogen receptors.

10 The invention also relates to the compounds of formula (I) defined above, or a pharmaceutically acceptable salt thereof, for use in the treatment of ovulatory dysfunction, cancer, endometriosis, osteoporosis, benign prostatic hypertrophy or inflammation.

In particular, the invention relates to the compounds of formula (I) defined above,
15 or a pharmaceutically acceptable salt thereof, for use in the treatment of cancer.

In an embodiment, the cancer is a hormone dependent cancer.

In another embodiment, the cancer is an estrogen receptor dependent cancer, particularly the cancer is an estrogen receptor α dependent cancer.

In another embodiment, the cancer is a cancer with wild type estrogen receptors.

20 In another embodiment, the cancer is a cancer with deregulated function of estrogen receptors related to, but not limited to, at least one epigenetic and genetic alteration of estrogen receptors such as mutation, amplification, splice variant.

In another embodiment, the cancer is a cancer with mutated estrogen receptors.

In another embodiment, the mutations of estrogen receptors can include, but not
25 limited to, new or known mutations such as Leu536Arg, Tyr537Ser, Tyr537Asn, Asp538Gly.

In another embodiment, the cancer is an estrogen-sensitive cancer.

In another embodiment, the cancer is selected from breast, ovarian, endometrial, prostate, uterine, cervical and lung cancer, or a metastasis thereof.

30 In another embodiment, the metastasis is a cerebral metastasis.

In another embodiment, the cancer is breast cancer. Particularly, the breast cancer is an estrogen receptor positive breast cancer (ER α positive breast cancer).

In another embodiment, the cancer is resistant to anti-hormonal treatment.

In a further embodiment, the anti-hormonal treatment is as single agent or in
35 combination with other agents such as CDK4/6 or PI3K inhibitors.

In a further embodiment, the anti-hormonal treatment includes treatment with at least one agent selected from tamoxifen, fulvestrant, a steroidal aromatase inhibitor, and a non-steroidal aromatase inhibitor.

5 The present invention, according to another of its aspects, also relates to a method of treating the pathological conditions indicated above, comprising administering to a subject in need thereof a therapeutically effective amount of a compound of formula (I), or a pharmaceutically acceptable salt thereof. In an embodiment of this method of treatment, the subject is a human.

10

The present invention also relates to the use of a compound of the formula (I), or a pharmaceutically acceptable salt thereof, according to the present invention, for the manufacture of a medicament useful in treating any of the pathological conditions indicated above, more particularly useful in treating cancer.

15

According to another of its aspects, the present invention relates to pharmaceutical compositions comprising as active principle a compound according to the invention. These pharmaceutical compositions comprise an effective dose of at least one compound according to the invention, or a pharmaceutically acceptable salt thereof, and also at least
20 one pharmaceutically acceptable excipient.

The said excipients are selected, in accordance with the pharmaceutical form and method of administration desired, from the customary excipients, which are known to a person skilled in the art.

25

In the pharmaceutical compositions of the present invention for oral, sublingual, subcutaneous, intramuscular, intravenous, topical, local, intra-tracheal, intranasal, transdermal or rectal administration, the active principle of formula (I) above, or its base, acid, zwitterion or salt thereof, may be administered in a unit administration form, in a
30 mixture with conventional pharmaceutical excipients, to animals and to human beings for the treatment of the above disorders or diseases.

The unit administration forms appropriate include oral forms such as tablets, soft or hard gel capsules, powders, granules and oral solutions or suspensions, sublingual,
35 buccal, intra-tracheal, intra-ocular and intra-nasal administration forms, forms for inhalative, topical, transdermal, subcutaneous, intra-muscular or intravenous

administration, rectal administration forms and implants. For topical application it is possible to use the compounds according to the invention in creams, gels, ointments or lotions.

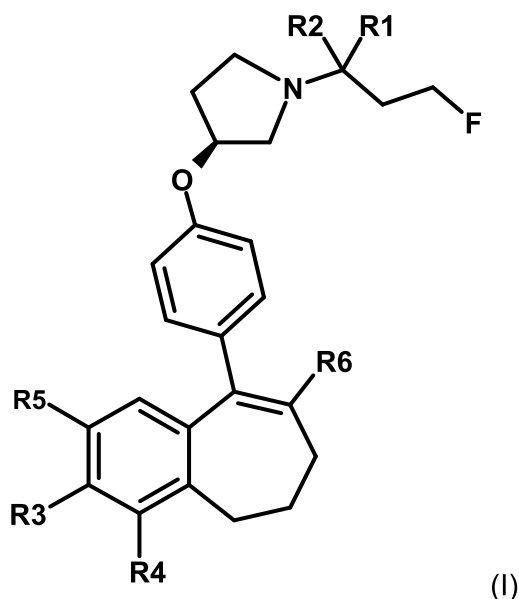
- 5 As an example, a unit administration form of a compound according to the invention in tablet form may comprise the following components:

	Compound according to the invention	50.0 mg
	Mannitol	223.75 mg
10	Sodium croscarmellose	6.0 mg
	Corn starch	15.0 mg
	Hydroxypropylmethylcellulose	2.25 mg
	Magnesium stearate	3.0 mg

- 15 There may be particular cases in which higher or lower dosages are appropriate; such dosages do not depart from the scope of the invention. According to usual practice, the dosage that is appropriate for each patient is determined by the doctor according to the mode of administration and the weight and response of the said patient.

CLAIMS

1. A compound of the formula (I):



5 wherein:

- R1 and R2 represent independently a hydrogen atom or a deuterium atom;
- R3 represents a hydrogen atom, a -COOH group, a -OH group or a -OPO(OH)₂ group;
- R4 represents a hydrogen atom or a fluorine atom;
- R5 represents a hydrogen atom or a -OH group;
- wherein:
 - at least one of R3 or R5 is different from a hydrogen atom;
 - when R3 represents a -COOH group, a -OH group or a -OPO(OH)₂ group, then R5 represents a hydrogen atom;
 - when R5 represents a -OH group, then R3 and R4 represent hydrogen atoms;
- R6 is selected from:
 - a phenyl group or a heteroaryl group comprising 3 to 9 carbon atoms and comprising from 1 to 3 heteroatoms independently selected from oxygen, nitrogen and sulphur, said phenyl and heteroaryl groups being unsubstituted or substituted with 1 to 3 substituents independently selected from:
 - a (C₁-C₆)-alkyl group unsubstituted or substituted with one or more fluorine atoms; a halogen atom; a -OH group; a (C₁-C₆)-alkoxy group unsubstituted or substituted with one or more fluorine atoms; a cyano group; a sulphur group substituted with 5 fluorine atoms or (C₁-C₆)-alkyl groups substituted with two or more fluorine atoms; a sulfonyl-(C₁-C₆)-alkyl group wherein said (C₁-C₆)-alkyl group is unsubstituted or substituted with two or more fluorine atoms; a silane group substituted with 3 (C₁-C₆)-alkyl

groups; an amine group unsubstituted or substituted with one or more (C₁-C₆)-alkyl groups; an amide group unsubstituted or substituted with one or more (C₁-C₆)-alkyl groups; a heterocycloalkyl groups saturated or partially saturated, comprising 3 to 5 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, or a heteroaryl group comprising 2 to 4 carbon atoms and comprising 1 to 3 heteroatoms selected from oxygen, nitrogen or sulphur and being unsubstituted or substituted with an oxo group;

- a cycloalkyl group or a heterocycloalkyl group comprising 4 to 9 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, said cycloalkyl or heterocycloalkyl groups being saturated or partially saturated and being unsubstituted or substituted with 1 to 4 substituents independently selected from:

a fluorine atom; a -OH group; a (C₁-C₆)-alkyl group; a -COOR₇ group wherein R₇ is an (C₁-C₆)-alkyl group; or an oxo group;

or a pharmaceutically acceptable salt thereof.

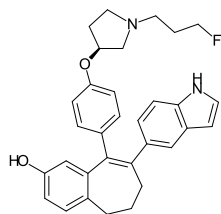
2. The compound of formula (I) according to claim 1, characterized in that R₆ is selected from a phenyl group unsubstituted or substituted with 1 to 3 substituents independently selected from: a (C₁-C₆)-alkyl group unsubstituted or substituted with one or more fluorine atoms; a halogen atom; a -OH group; a (C₁-C₆)-alkoxy group unsubstituted or substituted with one or more fluorine atoms; a cyano group; a sulphur group substituted with 5 fluorine atoms or (C₁-C₆)-alkyl groups substituted with two or more fluorine atoms; a sulfonyl-(C₁-C₆)-alkyl group wherein said (C₁-C₆)-alkyl group is unsubstituted or substituted with two or more fluorine atoms; a silane group substituted with 3 (C₁-C₆)-alkyl groups; an amine group unsubstituted or substituted with one or more (C₁-C₆)-alkyl groups; an amide group unsubstituted or substituted with one or more (C₁-C₆)-alkyl groups; a heterocycloalkyl group saturated or partially saturated, comprising 3 to 5 carbon atoms and comprising 1 or 2 heteroatoms independently selected from oxygen, nitrogen or sulphur, or a heteroaryl group comprising 2 to 4 carbon atoms and comprising 1 to 3 heteroatoms selected from oxygen, nitrogen or sulphur and being unsubstituted or substituted with an oxo group; or a pharmaceutically acceptable salt thereof.

3. The compound of formula (I) according to claim 1 or 2, characterized in that R₆ is selected from a phenyl group unsubstituted or substituted with 1 to 3 substituents independently selected from: a methyl group; an ethyl group; an isopropyl group; a

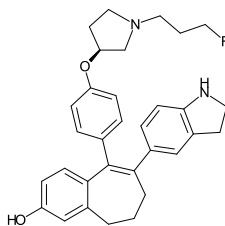
tert-butyl group; a $-\text{CHF}_2$ group; a $-\text{CF}_3$ group; a $-\text{CF}_2\text{CH}_3$ group; a chlorine atom; a fluorine atom; a $-\text{OH}$ group; a $-\text{OCH}_3$ group; a $-\text{OCH}_2\text{CH}_3$ group; a $-\text{OCH}_2\text{CH}_2\text{F}$ group; a $-\text{OCHF}_2$ group; a $-\text{OCH}_2\text{CF}_2$ group; a $-\text{OCF}_3$ group; a $-\text{OCH}_2\text{CF}_3$ group; a cyano group; a $-\text{SCHF}_2$ group; a $-\text{SCF}_3$ group; a $-\text{SF}_5$ group; a $-\text{SO}_2\text{CH}_3$ group; a $-\text{SO}_2\text{CF}_3$ group; a $-\text{Si}(\text{CH}_3)_3$ group; an oxetan group; a piperidine group; a morpholine group; a pyrrolidine group or a triazolone group; or a pharmaceutically acceptable salt thereof.

4. The compound of formula (I) according to any of claims 1 to 3, characterized in that R3 is a $-\text{COOH}$ group or a $-\text{OH}$ group; or a pharmaceutically acceptable salt thereof.

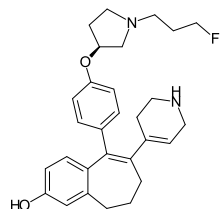
5. The compound of formula (I) according to any of claims 1 to 4, characterized in that the compound is 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1H-indol-5-yl)-8,9-dihydro-7H-benzo[7]annulen-3-ol of the formula,



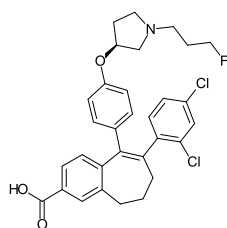
5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-indolin-5-yl-8,9-dihydro-7H-benzo[7]annulen-2-ol of the formula,



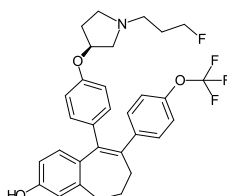
5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(1,2,3,6-tetrahydropyridin-4-yl)-8,9-dihydro-7H-benzo[7]annulen-2-ol of the formula,



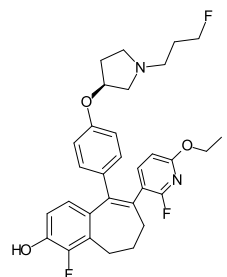
6-(2,4-dichlorophenyl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulene-2-carboxylic acid of the formula,



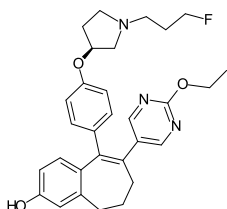
5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol of the formula,



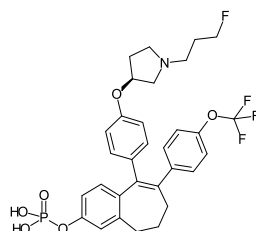
5 6-(6-ethoxy-2-fluoro-3-pyridyl)-1-fluoro-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol of the formula,



6-(2-ethoxypyrimidin-5-yl)-5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-8,9-dihydro-7H-benzo[7]annulen-2-ol of the formula,

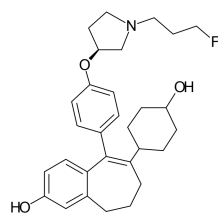


10 [5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-[4-(trifluoromethoxy)phenyl]-8,9-dihydro-7H-benzo[7]annulen-2-yl] dihydrogen phosphate of the formula



or

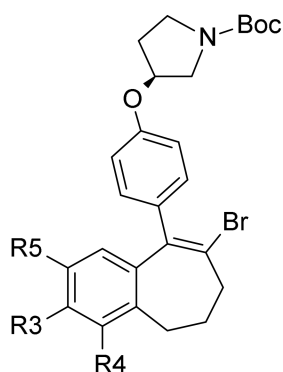
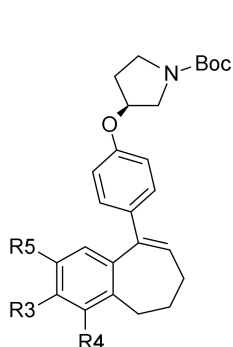
15 5-[4-[(3S)-1-(3-fluoropropyl)pyrrolidin-3-yl]oxyphenyl]-6-(4-hydroxycyclohexyl)-8,9-dihydro-7H-benzo[7]annulen-2-ol of the formula,



or a pharmaceutically acceptable salt thereof.

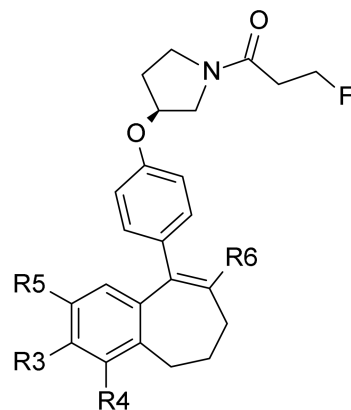
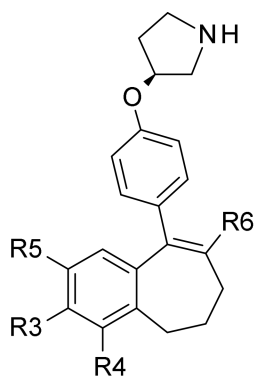
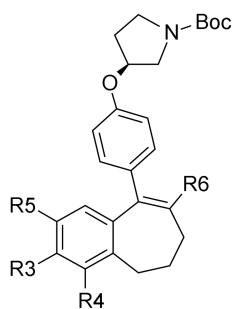
5

6. The compounds selected from the following formulae :



(E)

(F)



(G)

(H)

(J)

10

wherein R1, R2, R3, R4, R5 and R6 are as defined in formula (I) according to any of claims 1 to 4.

15

7. A compound of formula (I) according to any of claims 1 to 5, or a pharmaceutically acceptable salt thereof for use as a medicament.

8. A pharmaceutical composition, characterized in that it comprises a compound of formula (I) according to any of claims 1 to 5, or a pharmaceutically acceptable salt thereof, and at least one pharmaceutically acceptable excipient.
- 5 9. A compound of formula (I) according to any of claims 1 to 5, or a pharmaceutically acceptable salt thereof, suitable for use as an inhibitor and degrader of estrogen receptors.
10. A compound of formula (I) according to any of claims 1 to 5, or a pharmaceutically acceptable salt thereof, for use in the treatment of ovulatory dysfunction, cancer,
10 endometriosis, osteoporosis, benign prostatic hypertrophy or inflammation.
11. A compound of formula (I) according to claim 10, or a pharmaceutically acceptable salt thereof, for use in the treatment of cancer.
- 15 12. A compound of formula (I) or a pharmaceutically acceptable salt thereof for use according to claim 11, , wherein the cancer is an estrogen receptor dependent cancer.
13. A compound of formula (I) or a pharmaceutically acceptable salt thereof for use according to any of claim 11 or 12, wherein the cancer is selected from breast, ovarian,
20 endometrial, prostate, uterine, cervical and lung cancer, or a metastasis thereof.
14. A compound of formula (I) or a pharmaceutically acceptable salt thereof for use according to claim 13, wherein the metastasis is a cerebral metastasis.
- 25 15. A compound of formula (I) or a pharmaceutically acceptable salt thereof for use according to claim 13, wherein the cancer is resistant to anti-hormonal treatment.