GLUCOCORTICOID MIMETICS, METHODS OF MAKING THEM, PHARMACEUTICAL COMPOSITIONS, AND USES THEREOF

Field of the Invention

The present invention relates to glucocorticoid mimetics or ligands, methods of making such compounds, their use in pharmaceutical compositions, and their use in modulating the glucocorticoid receptor function, treating disease-states or conditions mediated by the glucocorticoid receptor function in a patient in need of such treatment, and other uses.

Background of the Invention

Glucocorticoids, a class of corticosteroids, are endogenous hormones with profound effects on the immune system and multiple organ systems. They suppress a variety of immune and inflammatory functions by inhibition of inflammatory cytokines such as IL-1, IL-2, IL-6, and TNF, inhibition of arachidonic acid metabolites including prostaglandins and leukotrienes, depletion of T-lymphocytes, and reduction of the expression of adhesion molecules on endothelial cells (P.J. Barnes, Clin. Sci., 1998, 94, pp. 557-572; P.J. Barnes *et al.*, Trends Pharmacol. Sci., 1993, 14, pp. 436-441). In addition to these effects, glucocorticoids stimulate glucose production in the liver and catabolism of proteins, play a role in electrolyte and water balance, reduce calcium absorption, and inhibit osteoblast function.

The anti-inflammatory and immune suppressive activities of endogenous glucocorticoids have stimulated the development of synthetic glucocorticoid derivatives including dexamethasone, prednisone, and prednisolone (L. Parente, Glucocorticoids, N.J. Goulding and R.J. Flowers (eds.), Boston: Birkhauser, 2001, pp. 35-54). These have found wide use in the treatment of inflammatory, immune, and allergic disorders including rheumatic diseases such as rheumatoid arthritis, juvenile arthritis, and ankylosing spondylitis, dermatological diseases including psoriasis and pemphigus, allergic disorders including allergic rhinitis, atopic dermatitis, and contact dermatitis, pulmonary conditions including asthma and chronic obstructive pulmonary disease (COPD), and other immune and inflammatory diseases including Crohn disease, ulcerative colitis, systemic lupus erythematosus, autoimmune chronic active hepatitis, osteoarthritis, tendonitis, and bursitis (J. Toogood, Glucocorticoids, N.J. Goulding and R.J. Flowers (eds.), Boston: Birkhauser, 2001, pp. 161-174). They have also been used to help prevent rejection in organ transplantation.

Unfortunately, in addition to the desired therapeutic effects of glucocorticoids, their use is associated with a number of adverse side effects, some of which can be severe and life-threatening. These include alterations in fluid and electrolyte balance, edema, weight gain, hypertension, muscle weakness, development or aggravation of diabetes mellitus, and osteoporosis. Therefore, a compound that exhibited a reduced side effect profile while maintaining the potent anti-inflammatory effects would be particularly desirable especially when treating a chronic disease.

The effects of glucocorticoids are mediated at the cellular level by the glucocorticoid receptor (R.H. Oakley and J. Cidlowski, Glucocorticoids, N.J. Goulding and R.J. Flowers (eds.), Boston: Birkhauser, 2001, pp. 55-80). The glucocorticoid receptor is a member of a class of structurally related intracellular receptors that when coupled with a ligand can function as a transcription factor that affects gene expression (R.M. Evans, Science, 1988, 240, pp. 889-895). Other members of the family of steroid receptors include the mineralocorticoid, progesterone, estrogen, and androgen receptors. In addition to the effects mentioned above for glucocorticoids, hormones that act on this receptor family have a profound influence on body homeostasis, mineral metabolism, the stress response, and development of sexual characteristics. Glucocorticoids, N.J. Goulding and R.J. Flowers (eds.), Boston: Birkhauser, 2001, is hereby incorporated by reference in its entirety to better describe the state of the art.

A molecular mechanism which accounts for the beneficial anti-inflammatory effects and the undesired side effects has been proposed (e.g., S. Heck *et al.*, EMBO J, 1994, 17, pp. 4087-4095; H.M. Reichardt *et al.*, Cell, 1998, 93, pp. 531-541; F. Tronche *et al.*, Curr. Opin. in Genetics and Dev., 1998, 8, pp. 532-538). Many of the metabolic and cardiovascular side effects are thought to be the result of a process called transactivation. In transactivation, the translocation of the ligand-bound glucocorticoid receptor to the nucleus is followed by binding to glucocorticoid response elements (GREs) in the promoter region of side effect-associated genes, for example, phosphoenolpyruvate carboxy kinase (PEPCK), in the case of increased glucose production. The result is an increased transcription rate of these genes which is believed to result, ultimately, in the observed side effects. The anti-inflammatory effects are thought to be due to a process called transrepression. In general, transrepression is a process

independent of DNA binding that results from inhibition of NF-kB and AP-1-mediated pathways, leading to down regulation of many inflammatory and immune mediators. Additionally, it is believed that a number of the observed side effects may be due to the cross-reactivity of the currently available glucocorticoids with other steroid receptors, particularly the mineralocorticoid and progesterone receptors.

Thus, it may be possible to discover ligands for the glucocorticoid receptor that are highly selective and, upon binding, can dissociate the transactivation and transrepression pathways, providing therapeutic agents with a reduced side effect profile. Assay systems to determine effects on transactivation and transrepression have been described (e.g., C.M. Bamberger and H.M. Schulte, Eur. J. Clin. Invest., 2000, 30 (suppl. 3), pp. 6-9). Selectivity for the glucocorticoid receptor may be determined by comparing the binding affinity for this receptor with that of other steroid family receptors including those mentioned above.

Glucocorticoids also stimulate the production of glucose in the liver by a process called gluconeogenesis and it is believed that this process is mediated by transactivation events. Increased glucose production can exacerbate type II diabetes, therefore a compound that selectivity inhibited glucocorticoid mediated glucose production may have therapeutic utility in this indication (J.E. Freidman *et al.*, J. Biol. Chem., 1997, 272, pp. 31475-31481).

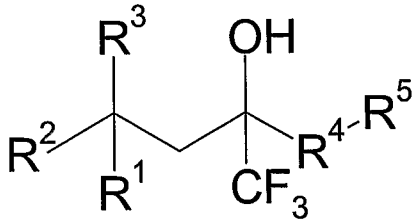
Novel ligands for the glucocorticoid receptor have been described in the scientific and patent literature. For example, PCT International Publication No. WO 99/33786 discloses triphenylpropanamide compounds with potential use in treating inflammatory diseases. PCT International Publication No. WO 00/66522 describes non-steroidal compounds as selective modulators of the glucocorticoid receptor potentially useful in treating metabolic and inflammatory diseases. PCT International Publication No. WO 99/41256 describes tetracyclic modulators of the glucocorticoid receptor potentially useful in treating immune, autoimmune, and inflammatory diseases. U.S. Patent No. 5,688,810 describes various non-steroidal compounds as modulators of glucocorticoid and other steroid receptors. PCT International Publication No. WO 99/63976 describes a non-steroidal, liver-selective glucocorticoid antagonist potentially useful in the treatment of diabetes. PCT International Publication No. WO 00/32584 discloses non-steroidal compounds having anti-inflammatory activity with

dissociation between anti-inflammatory and metabolic effects. PCT International Publication No. WO 98/54159 describes non-steroidal cyclically substituted acylanilides with mixed gestagen and androgen activity. U.S. Patent No. 4,880,839 describes acylanilides having progestational activity and EP 253503 discloses acylanilides with antiandrogenic properties. PCT International Publication No. WO 97/27852 describes amides that are inhibitors of farnesyl-protein transferase.

A compound that is found to interact with the glucocorticoid receptor in a binding assay could be an agonist or an antagonist. The agonist properties of the compound could be evaluated in the transactivation or transrepression assays described above. Given the efficacy demonstrated by available glucocorticoid drugs in inflammatory and immune diseases and their adverse side effects, there remains a need for novel glucocorticoid receptor agonists with selectivity over other members of the steroid receptor family and a dissociation of the transactivation and transrepression activities. Alternatively, the compound may be found to have antagonist activity. As mentioned above, glucocorticoids stimulate glucose production in the liver. Increased glucose production induced by glucocorticoid excess can exacerbate existing diabetes, or trigger latent diabetes. Thus a ligand for the glucocorticoid receptor that is found to be an antagonist may be useful, *inter alia*, for treating or preventing diabetes.

Summary of the Invention

The instant invention is directed to compounds of Formula (IA)



(IA)

wherein:

R^1 is an aryl or heteroaryl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5

alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, C_1-C_5 alkanoyl, aroyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, aminosulfonyl, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl or aryl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with one to three substituent groups selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino,

R^2 and R^3 are each independently hydrogen or C_1-C_5 alkyl, or R^2 and R^3 together with the carbon atom they are commonly attached to form a C_3-C_8 spiro cycloalkyl ring;

R^4 is C_1-C_5 alkyl, C_2-C_5 alkenyl, or C_2-C_5 alkynyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^4 is independently C_1-C_3 alkyl, hydroxy, halogen, amino, or oxo; and

R^5 is a heteroaryl group optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5 alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5

alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, aminosulfonyl, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, trifluoromethylthio, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with one to three substituent groups selected from C_1-C_3 alkyl, C_1-C_3 alkoxy, halogen, hydroxy, oxo, cyano, amino, or trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

Another aspect of the invention includes compounds of Formula (IA), wherein:

R^1 is thienyl, phenyl, naphthyl, dihydrobenzofuranyl, benzofuranyl, chromanyl, dihydroindolyl, indolyl, dihydrobenzothienyl, benzothienyl, benzodioxolanyl, dihydrobenzoxazolyl, benzoxazolyl, benzisoxazolyl, benzpyrazolyl, benzimidazolyl, quinolinyl, pyridinyl, pyrimidinyl, or pyrazinyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3 alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with a substituent group selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino;

R^2 and R^3 are each independently hydrogen or C_1-C_3 alkyl, or R^2 and R^3 together with the carbon atom they are commonly attached to form a C_3-C_6 spiro cycloalkyl ring;

R^4 is CH_2; and

R^5 is an imidazolyl, pyridyl, indolyl, azaindolyl, diazaindolyl, benzofuranyl, furanopyridinyl, furanopyrimidinyl, benzothienyl, thienopyridinyl, thienopyrimidinyl, benzoxazolyl, oxazolopyridinyl, benzothiazolyl, thiazolopyridinyl, benzimidazolyl, imidazolopyridinyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, phenyl, C_1-C_3 alkoxy, methoxycarbonyl, aminocarbonyl, C_1-C_3 alkylaminocarbonyl, C_1-C_3 dialkylaminocarbonyl, heterocyclylcarbonyl, fluoro, chloro, bromo, cyano, trifluoromethyl, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with a substituent group selected from methyl, methoxy, fluoro, chloro, bromo, oxo, or trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

Yet another aspect of the invention includes compounds of Formula (IA), wherein:

R^1 is thienyl, phenyl, naphthyl, pyridyl, chromanyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one or two substituent groups,

wherein each substituent group of R^1 is independently methyl, ethyl, methoxy, ethoxy, fluoro, chloro, bromo, hydroxy, trifluoromethyl, trifluoromethoxy, or cyano;

R^2 and R^3 are each independently methyl, or R^2 and R^3 together with the carbon atom they are commonly attached to form a spiro cyclopropyl ring;

R^4 is CH_2; and

R^5 is a pyridyl, indolyl, azaindolyl, benzofuranyl, furanopyridinyl, thienopyridinyl, benzoxazolyl, benzimidazolyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently methyl, phenyl, methoxycarbonyl, aminocarbonyl, methylaminocarbonyl, dimethylaminocarbonyl, morpholinylcarbonyl, fluoro, chloro, bromo, cyano, or trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

Yet another aspect of the invention includes compounds of Formula (IA), wherein:

R^1 is phenyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one to three substituent groups,

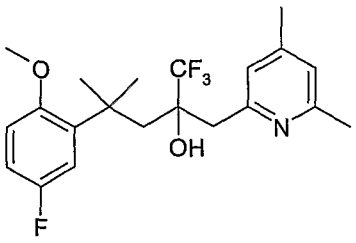
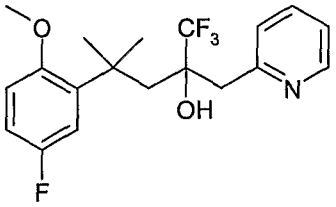
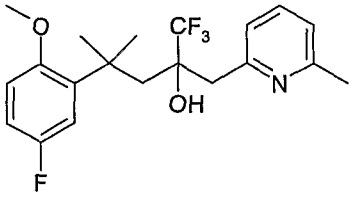
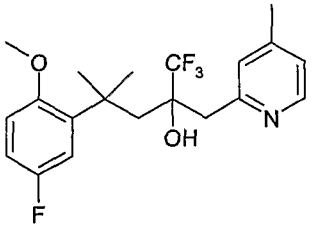
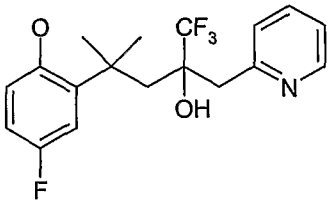
wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3 alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone; and

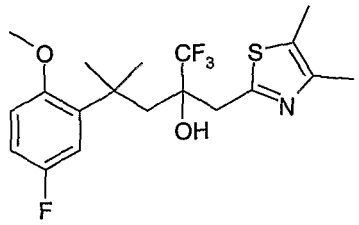
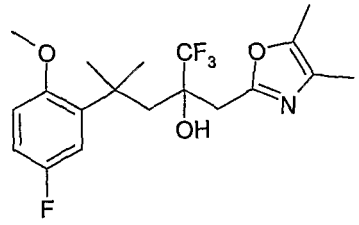
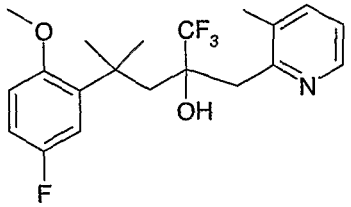
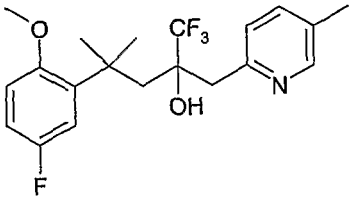
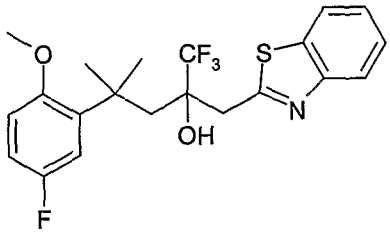
R^2 and R^3 are each independently hydrogen or C_1-C_3 alkyl,

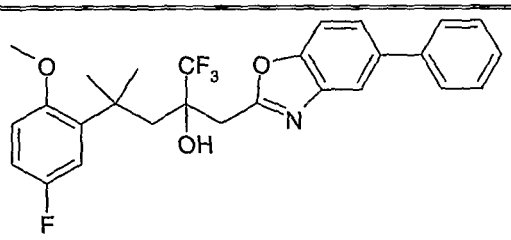
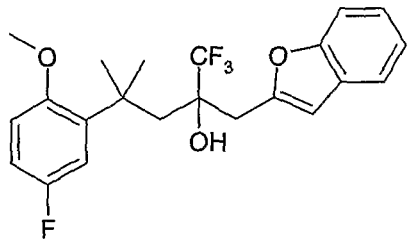
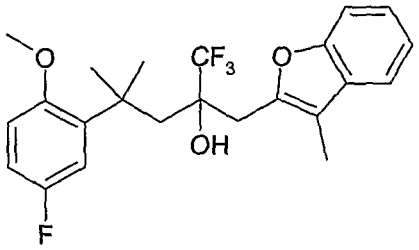
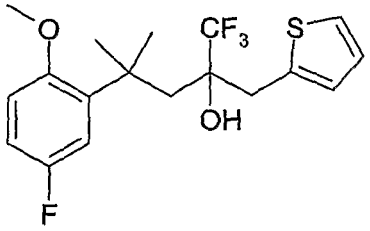
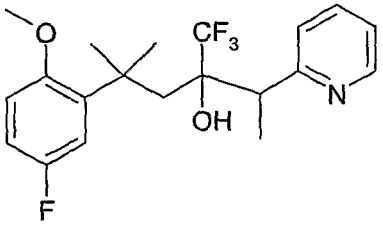
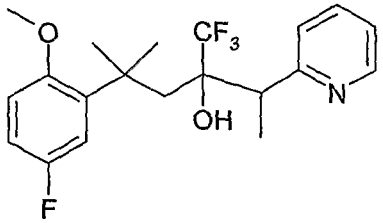
or a tautomer, prodrug, solvate, or salt thereof.

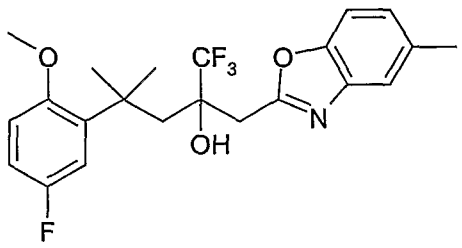
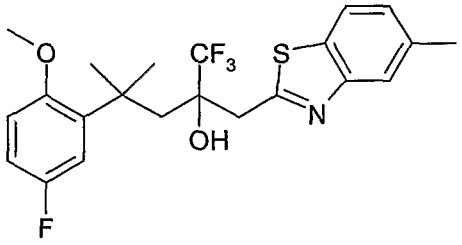
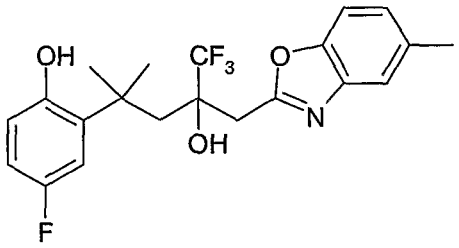
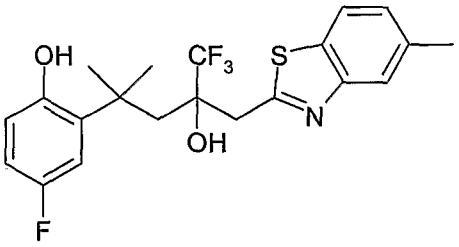
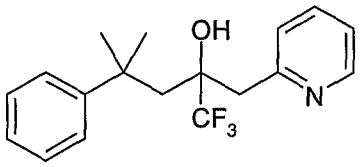
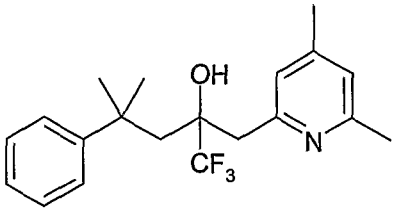
In yet other aspects of the invention, one to three substituent groups of R^1 in the compounds of Formula (IA) is independently C_1-C_3 alkylamino or C_1-C_3 dialkylamino.

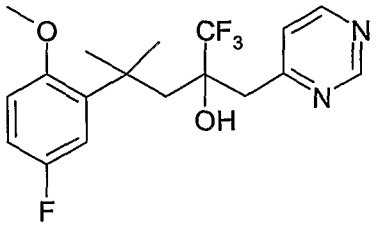
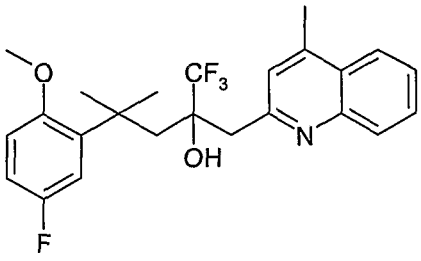
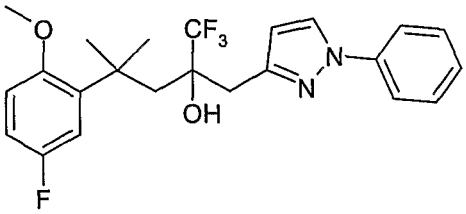
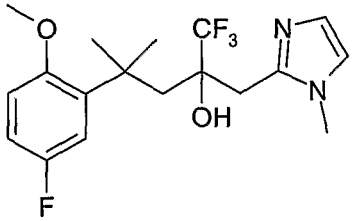
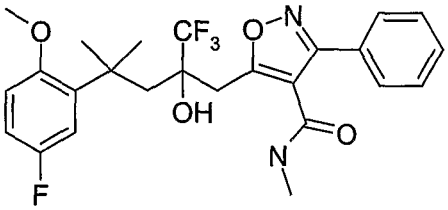
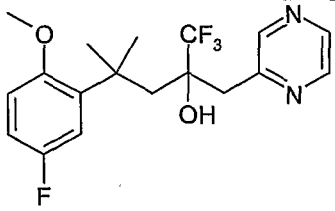
The following are representative compounds of Formula (IA) according to the invention:

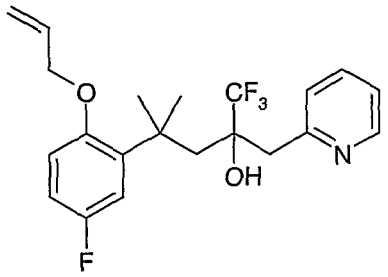
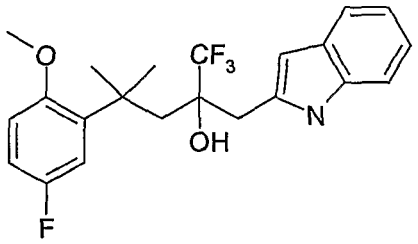
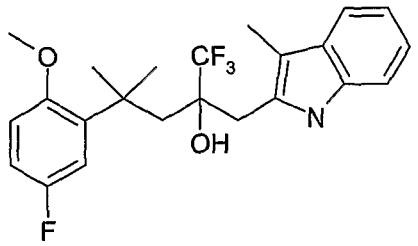
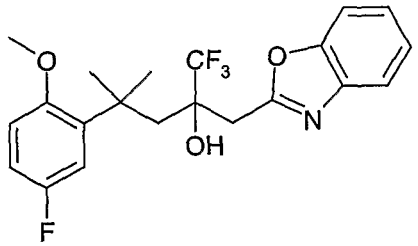
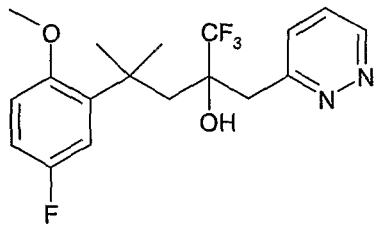
Compound Name	Compound Structure
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(4,6-dimethylpyridin-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(pyridin-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-methylpyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methylpyridin-2-ylmethyl)pentan-2-ol	
4-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-pyridin-2-ylmethylbutyl)phenol	

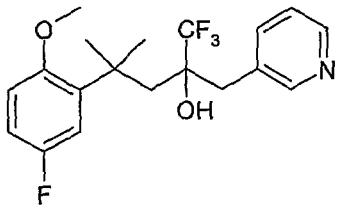
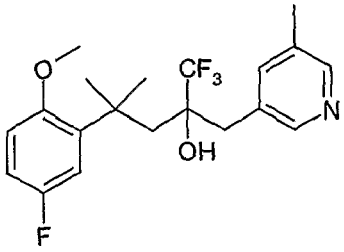
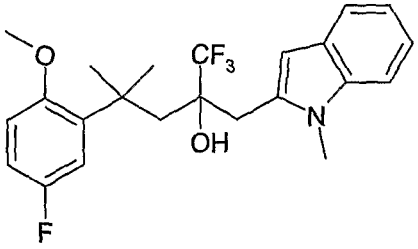
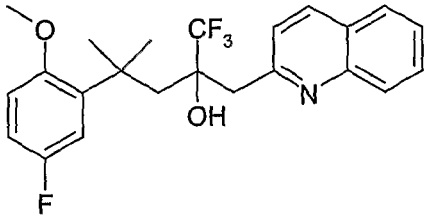
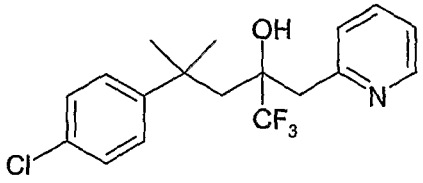
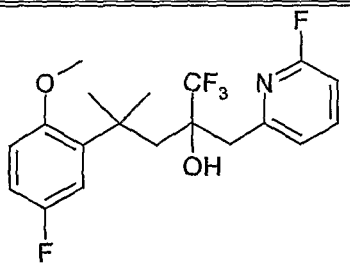
2-(4,5-Dimethylthiazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
2-(4,5-Dimethyloxazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methylpyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-methylpyridin-2-ylmethyl)pentan-2-ol	
2-Benzothiazol-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	

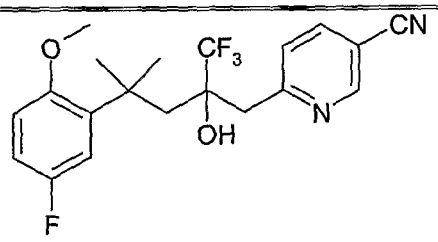
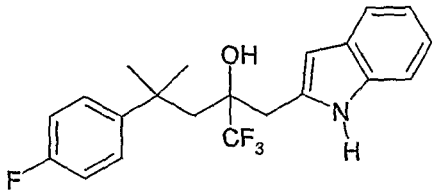
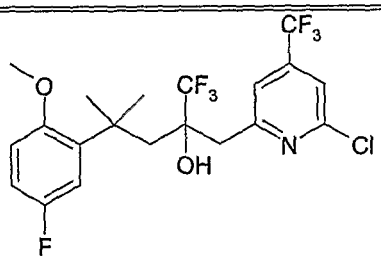
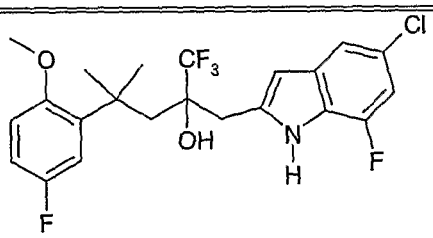
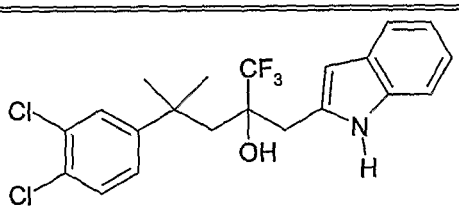
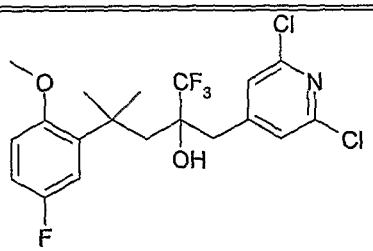
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-phenylbenzoxazol-2-ylmethyl)pentan-2-ol	
2-Benzofuran-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methylbenzofuran-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-thiophen-2-ylmethylpentan-2-ol	
5-(5-Fluoro-2-methoxyphenyl)-5-methyl-2-pyridin-2-yl-3-trifluoromethylhexan-3-ol	
5-(5-Fluoro-2-methoxyphenyl)-5-methyl-2-pyridin-2-yl-3-trifluoromethylhexan-3-ol	

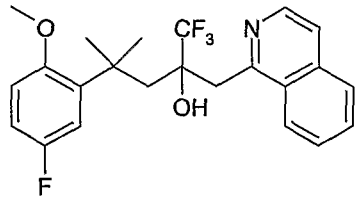
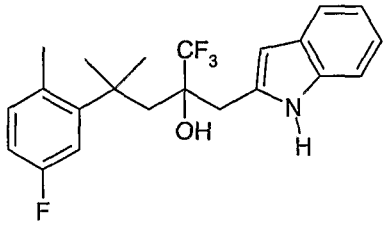
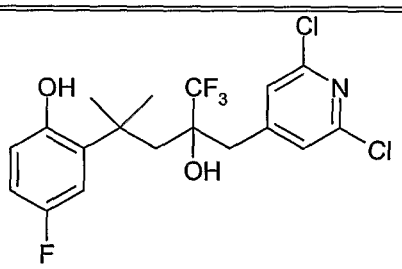
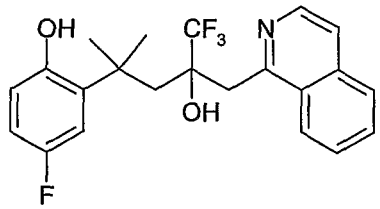
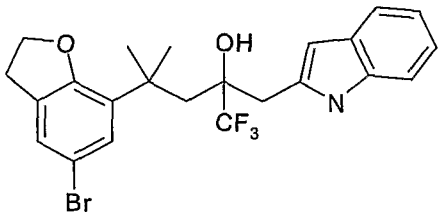
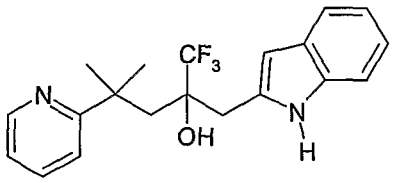
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1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-methylbenzothiazol-2-ylmethyl)pentan-2-ol	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-methylbenzooxazol-2-ylmethyl)butyl]phenol	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-methylbenzothiazol-2-ylmethyl)butyl]phenol	
1,1,1-Trifluoro-4-methyl-4-phenyl-2-pyridin-2-ylmethylpentan-2-ol	
2-(4,6-Dimethylpyridin-2-ylmethyl)-1,1,1-trifluoro-4-methyl-4-phenylpentan-2-ol	

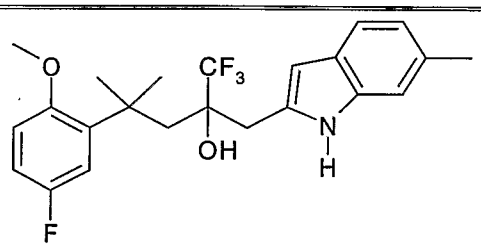
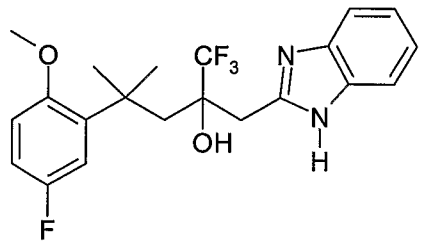
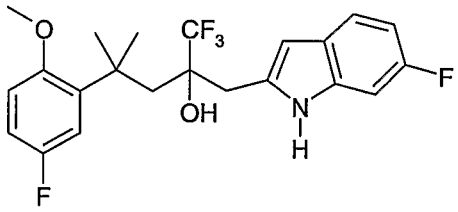
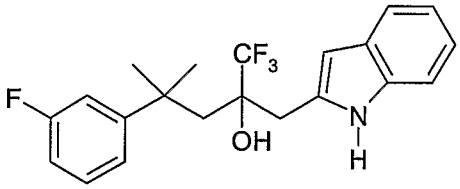
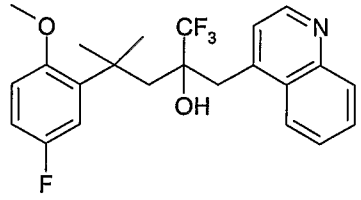
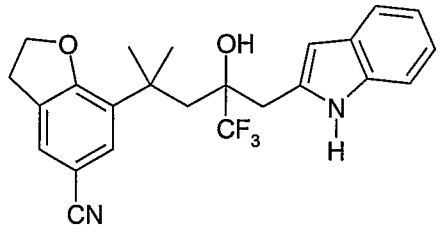
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1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methylquinolin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-phenyl-1*H*-pyrazol-3-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-methyl-1*H*-imidazol-2-ylmethyl)pentan-2-ol	
5-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-3-phenylisoxazole-4-carboxylic acid methylamide	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-pyrazin-2-ylmethylpentan-2-ol	

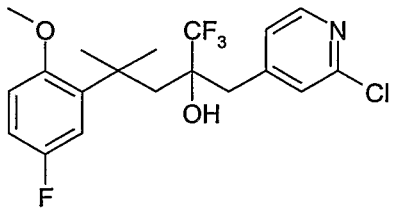
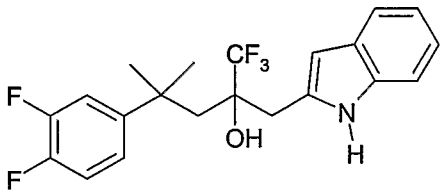
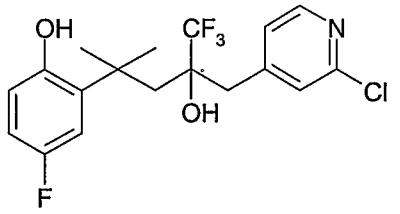
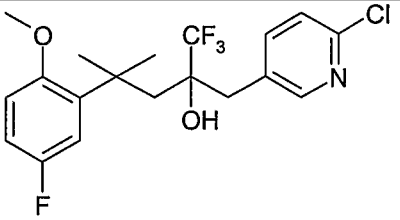
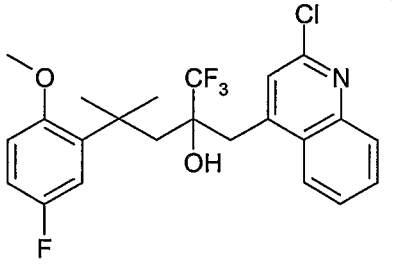
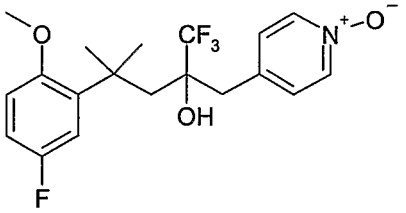
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1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
2-Benzooxazol-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-pyridazin-3-ylmethylpentan-2-ol	

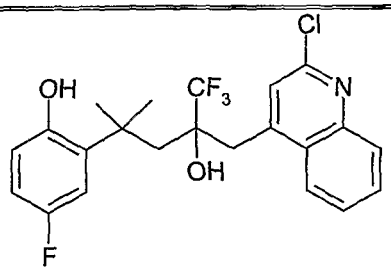
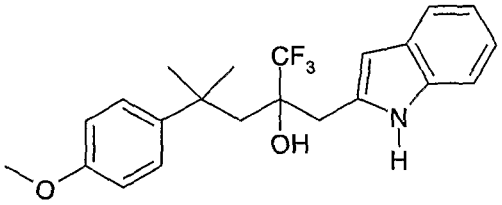
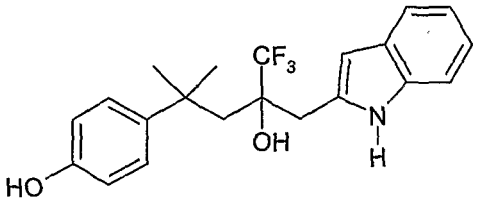
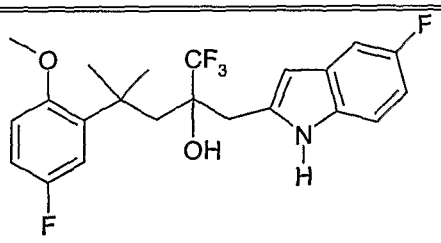
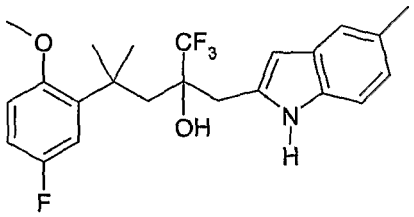
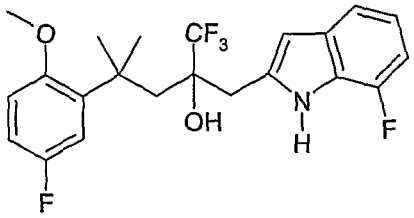
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-pyridin-3-ylmethylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-methylpyridin-3-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-2-ylmethylpentan-2-ol	
4-(4-Chlorophenyl)-1,1,1-trifluoro-4-methyl-2-pyridin-2-ylmethylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(6-fluoropyridin-2-ylmethyl)-4-methylpentan-2-ol	

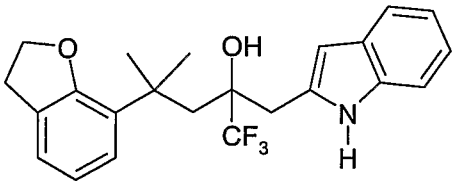
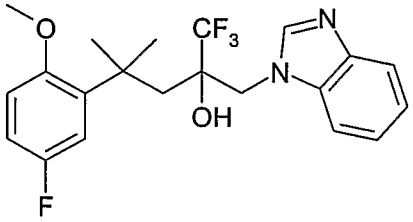
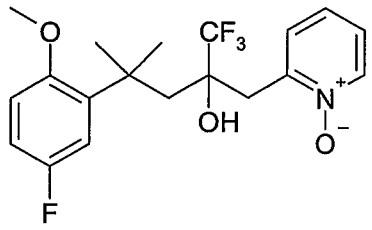
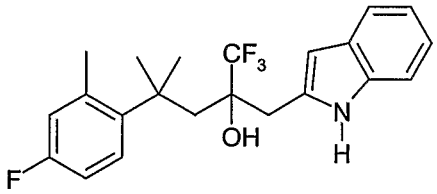
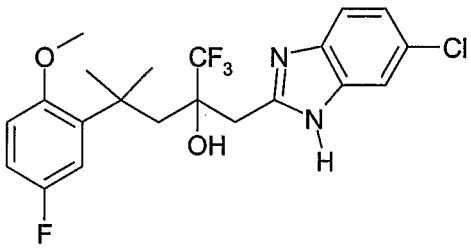
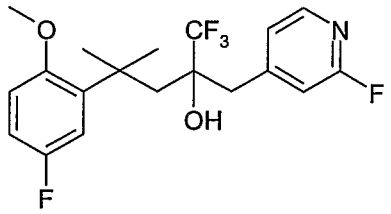
6-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]nicotinonitrile	
2-(1*H*-Indol-2-ylmethyl)-1,1,1-trifluoro-4-(4-fluorophenyl)-4-methylpentan-2-ol	
2-(6-Chloro-4-trifluoromethylpyridin-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
2-(5-Chloro-7-fluoro-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
4-(3,4-Dichlorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	

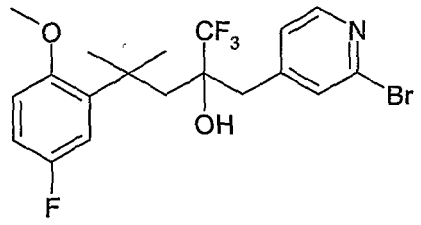
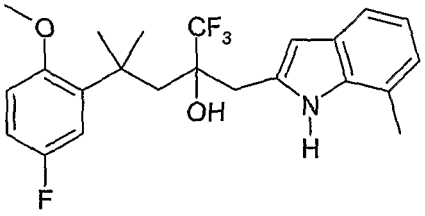
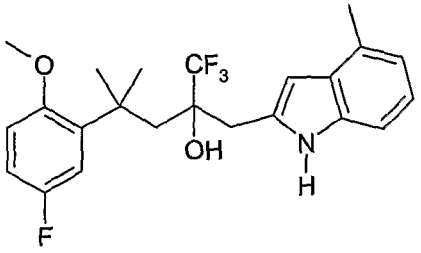
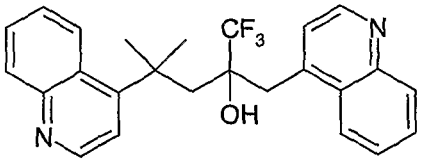
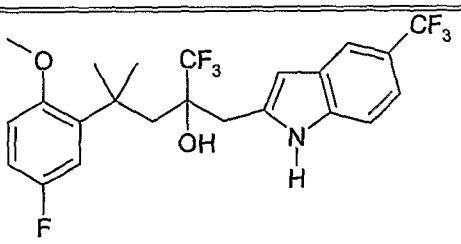
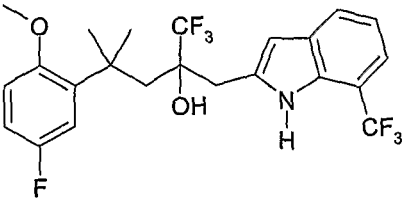
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1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol	
4-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-3-isoquinolin-1-ylmethyl-1,1-dimethylbutyl)phenol	
4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-pyridin-2-ylpentan-2-ol	

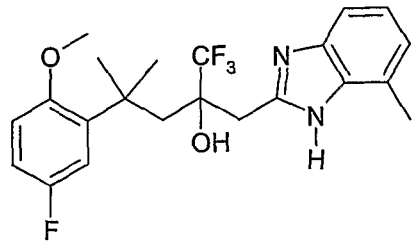
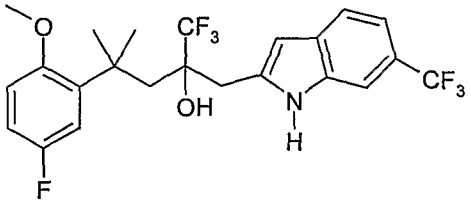
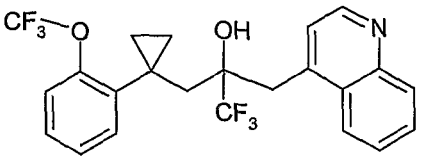
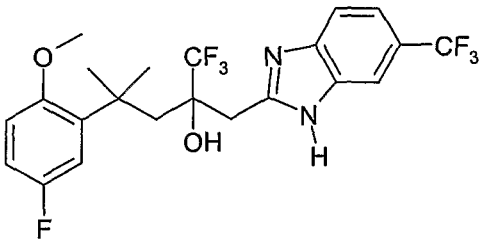
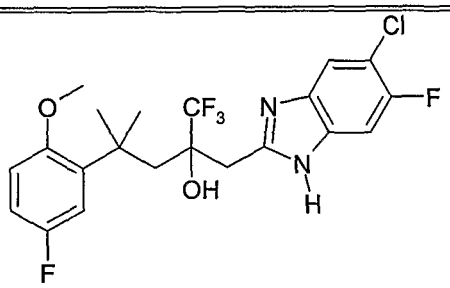
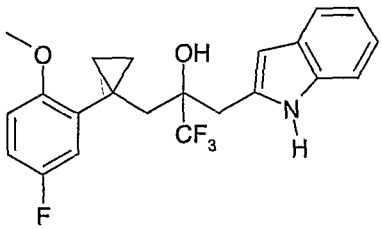
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2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(6-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol	
4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	

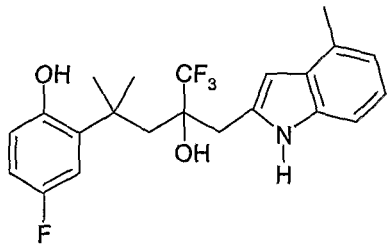
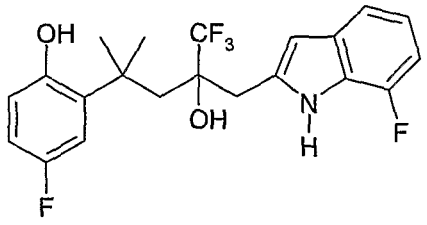
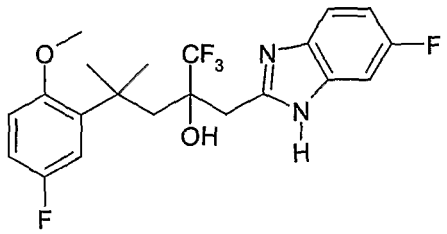
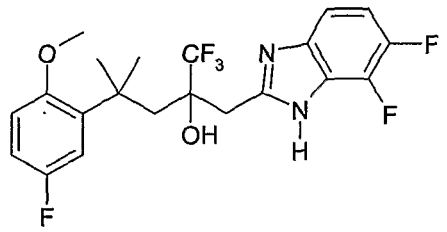
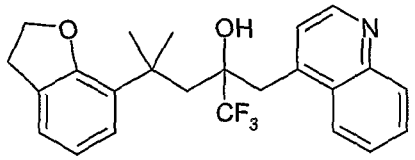
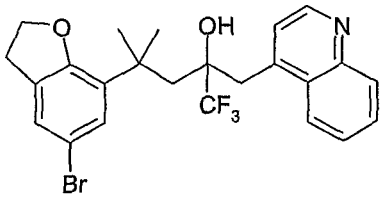
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4-(3,4-Difluorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-5-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-oxypyridin-4-ylmethyl)pentan-2-ol	

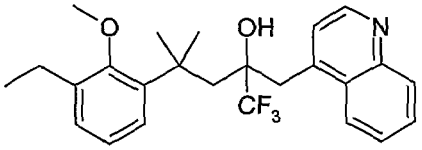
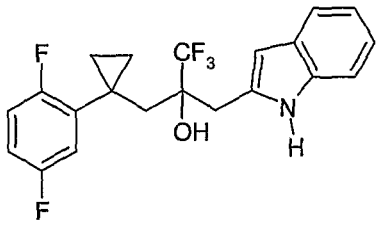
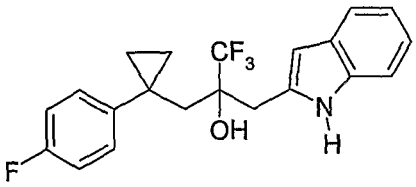
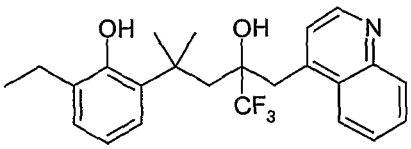
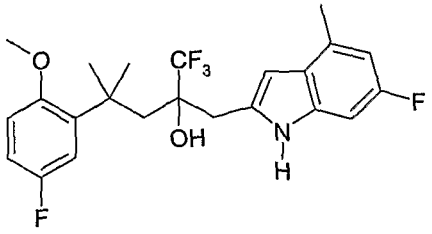
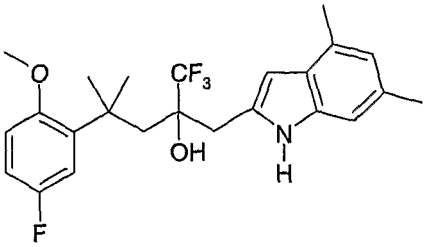
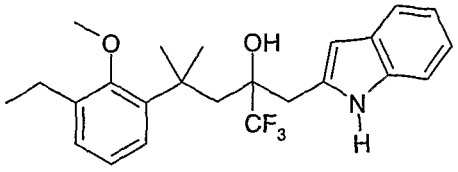
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1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol	
4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol	
1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(5-methyl-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
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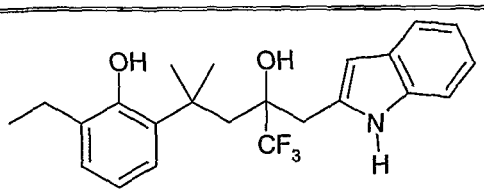
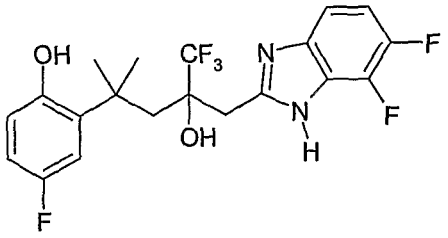
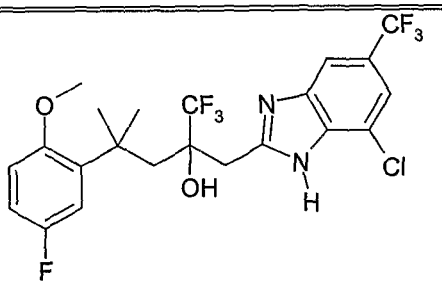
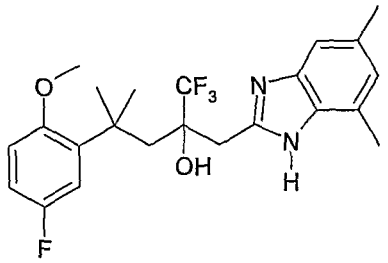
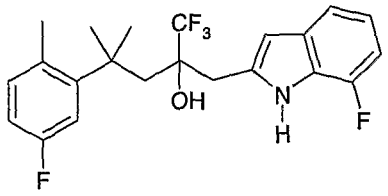
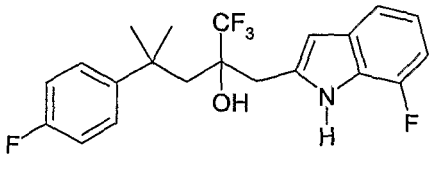
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2-Benzimidazol-1-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-oxypyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(4-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-chlorobenzimidazol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-fluoropyridin-4-ylmethyl)pentan-2-ol	

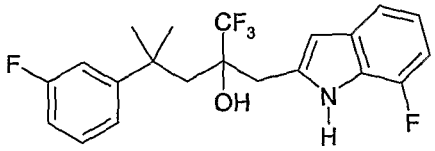
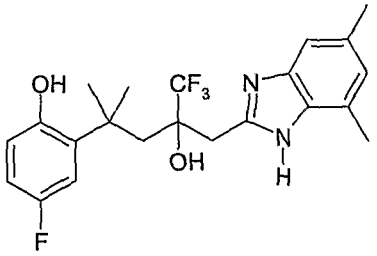
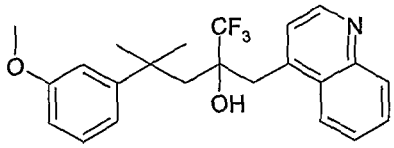
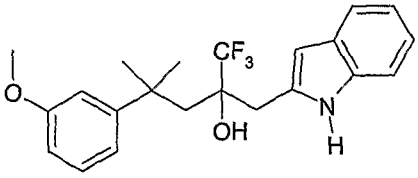
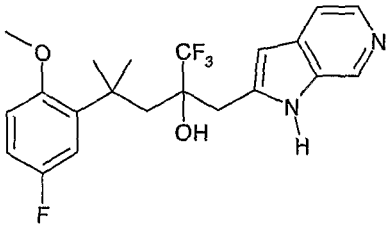
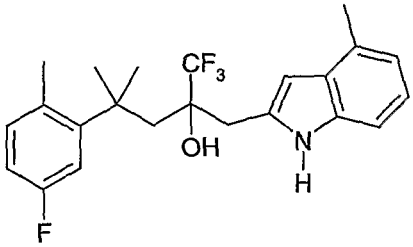
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1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-methyl-4-quinolin-4-yl-2-quinolin-4-ylmethylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
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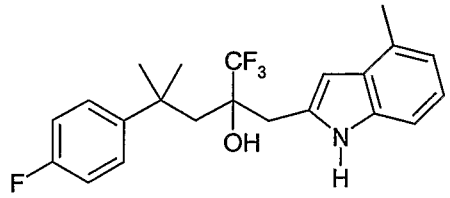
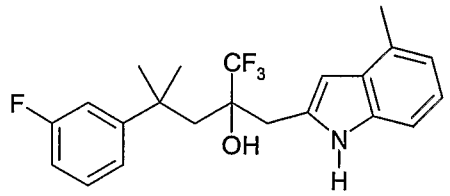
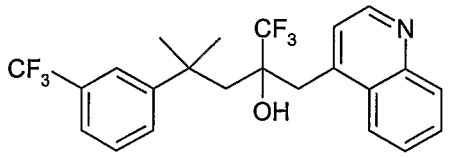
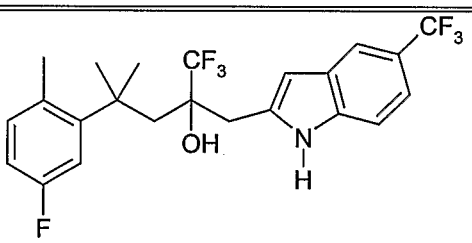
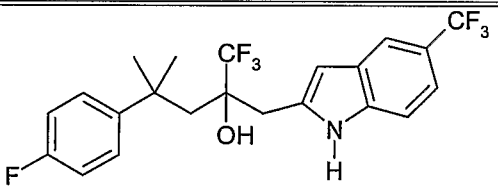
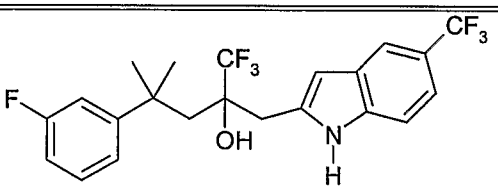
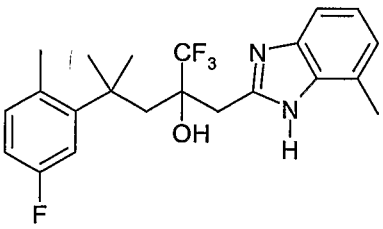
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1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-2-quinolin-4-ylmethyl-3-[1-(2-trifluoromethoxyphenyl)cyclopropyl]propan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol	
2-(5-Chloro-6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-3-[1-(5-fluoro-2-methoxyphenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol	

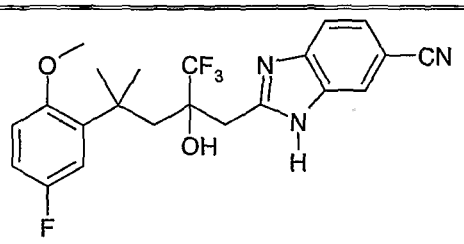
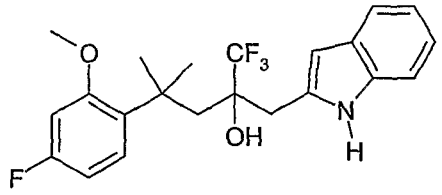
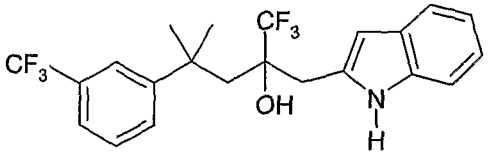
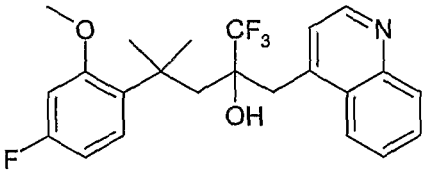
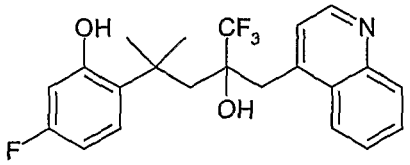
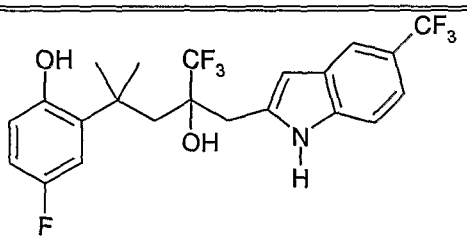
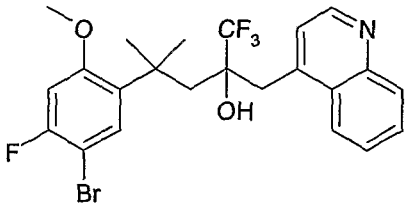
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4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol	
1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	

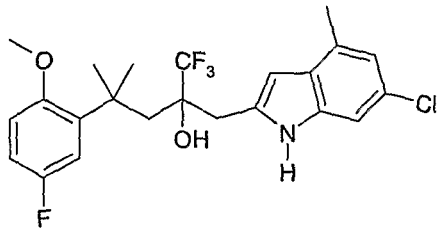
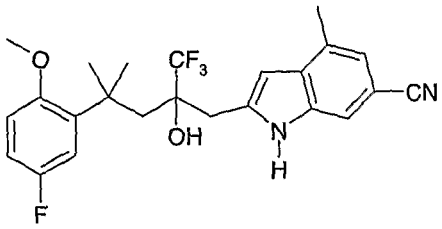
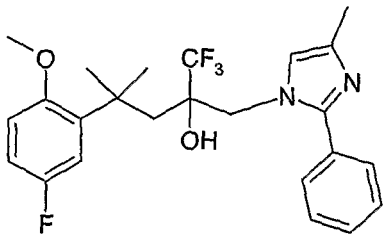
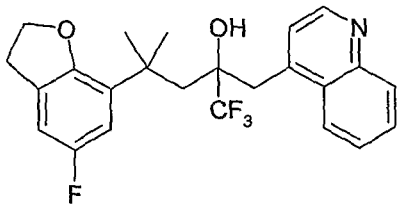
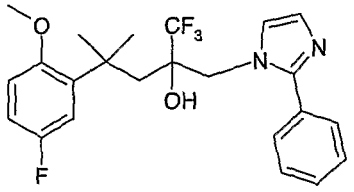
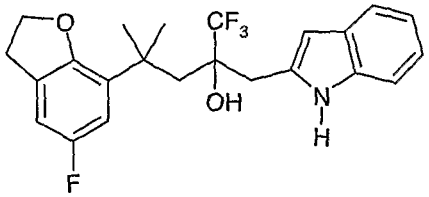
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3-[1-(2,5-Difluorophenyl)cyclopropyl]-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)propan-2-ol	
1,1,1-Trifluoro-3-[1-(4-fluorophenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol	
2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(6-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
2-(4,6-Dimethyl-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	

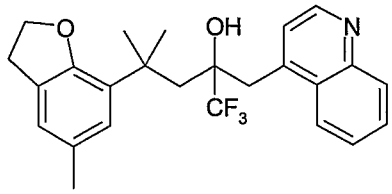
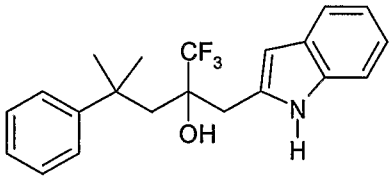
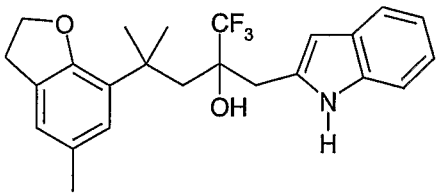
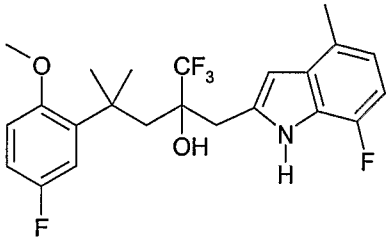
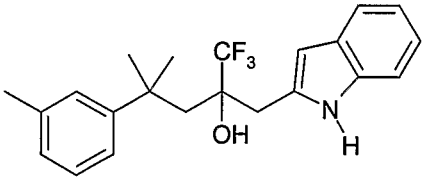
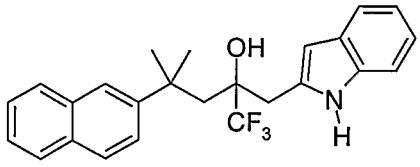
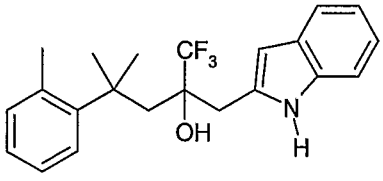
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2-[3-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol	
2-(7-Chloro-5-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methylphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluorophenyl)-4-methylpentan-2-ol	

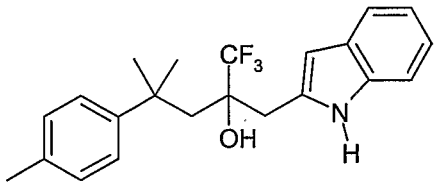
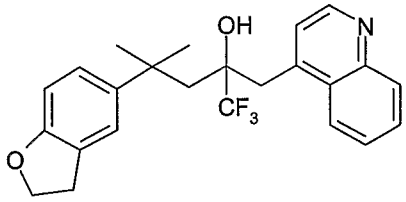
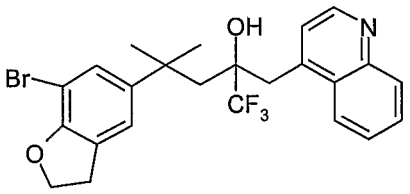
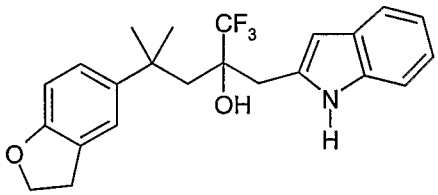
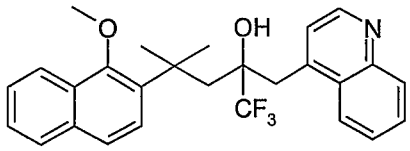
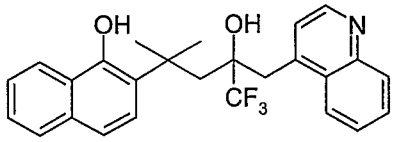
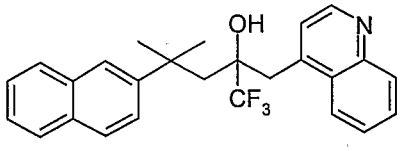
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2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol	
1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
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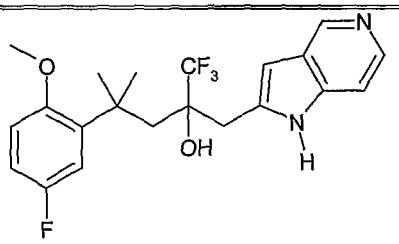
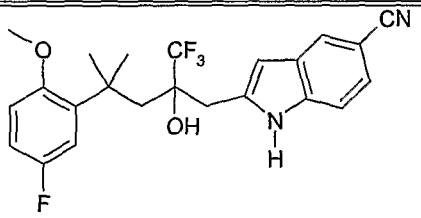
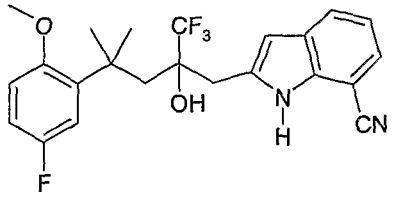
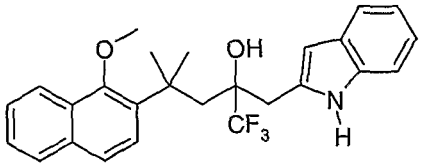
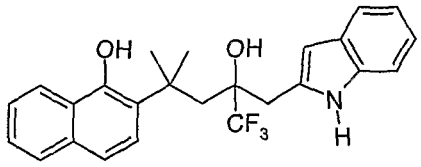
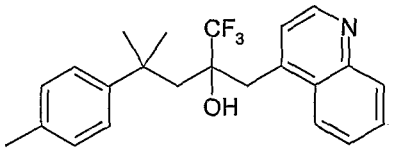
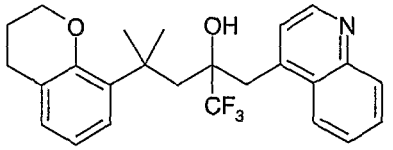
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1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
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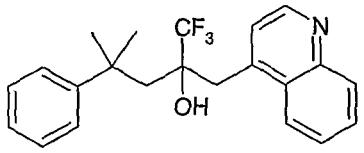
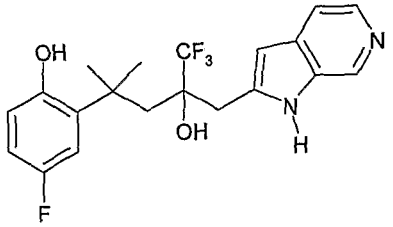
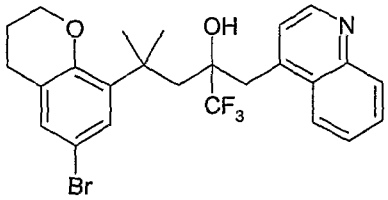
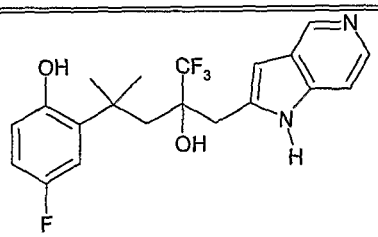
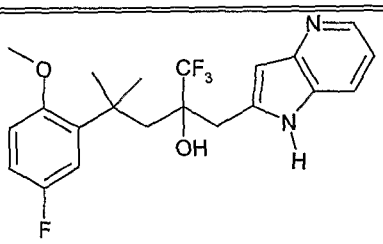
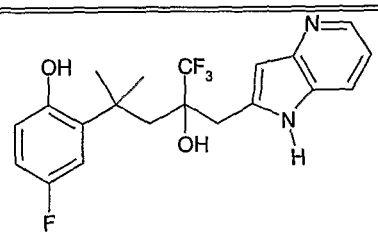
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1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol	
1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)butyl]phenol	
4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	

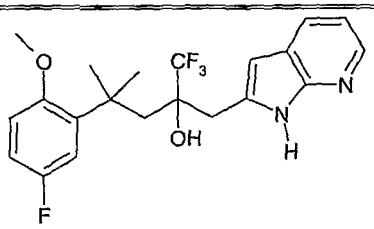
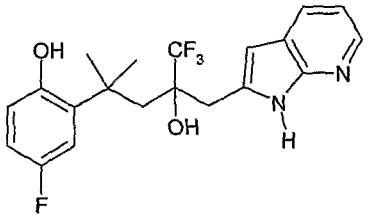
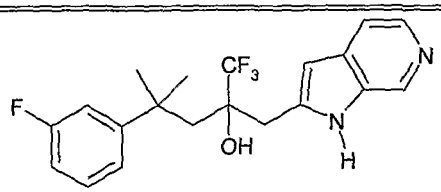
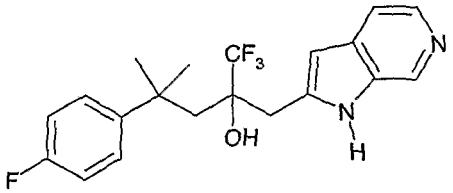
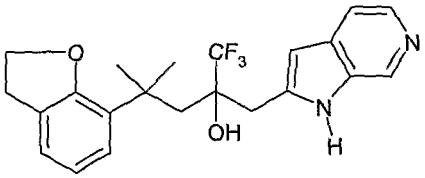
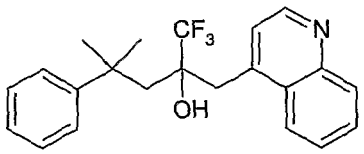
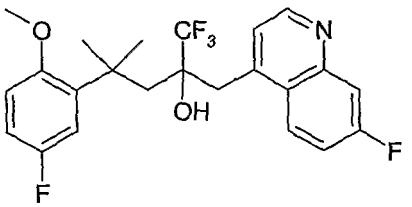
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2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	

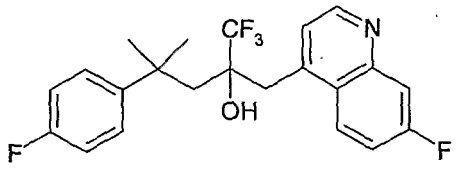
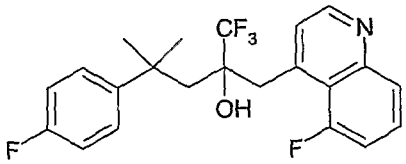
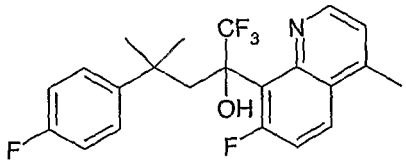
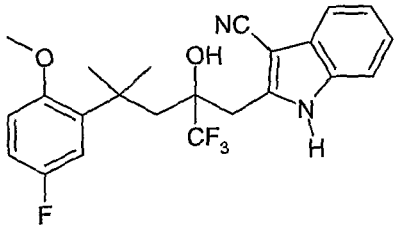
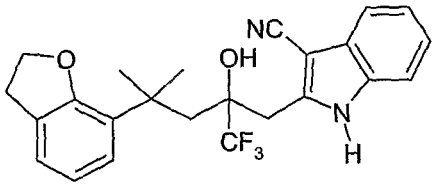
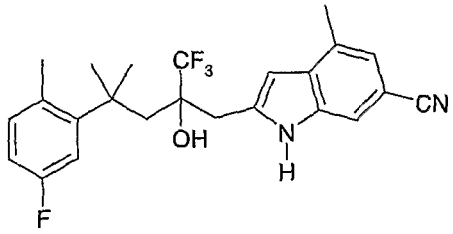
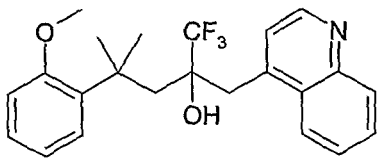
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1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol	
1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol	
1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol	
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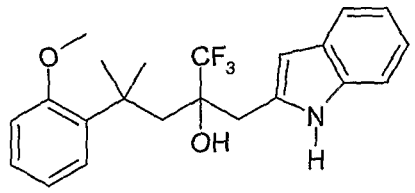
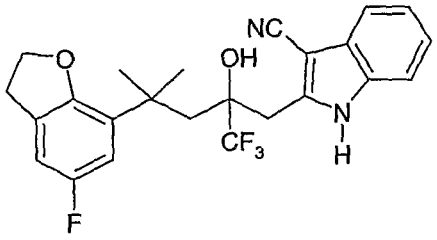
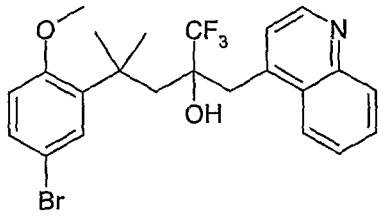
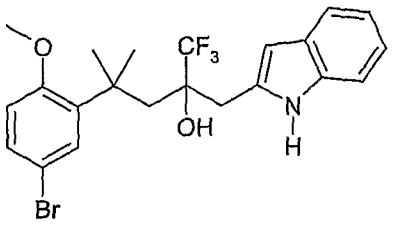
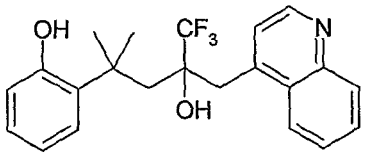
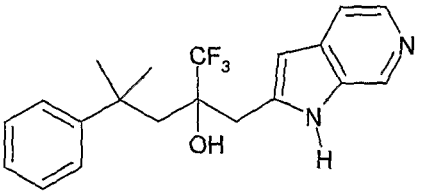
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4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol	
1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol	

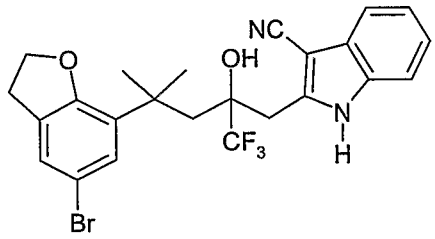
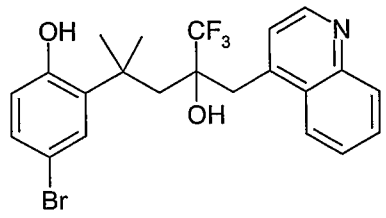
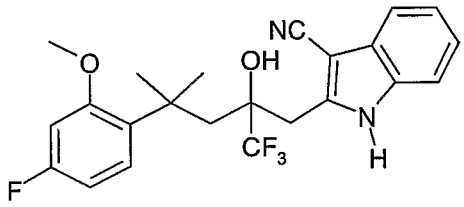
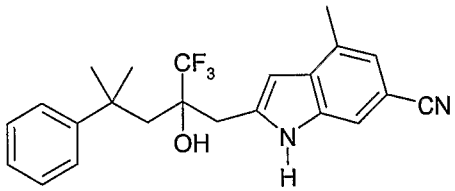
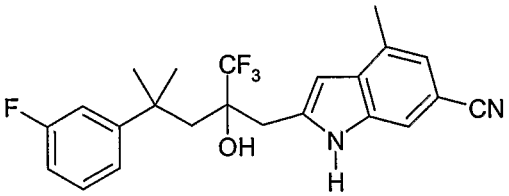
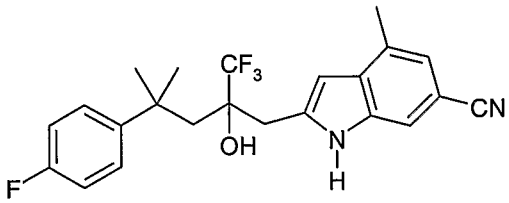
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2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-7-carbonitrile	
1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol	
2-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]naphthalen-1-ol	
1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol	
4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	

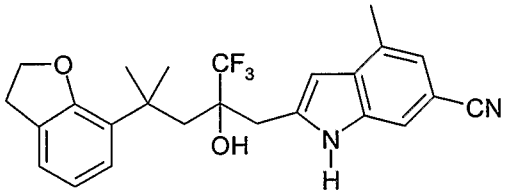
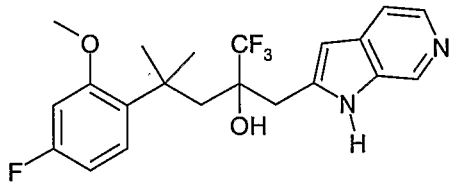
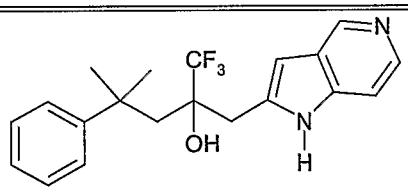
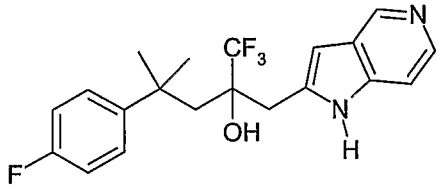
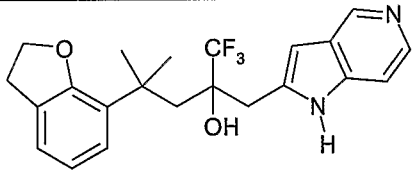
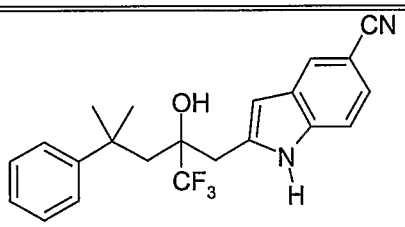
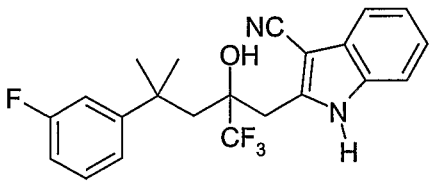
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4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol	
4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)butyl]phenol	

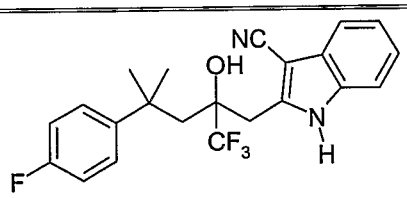
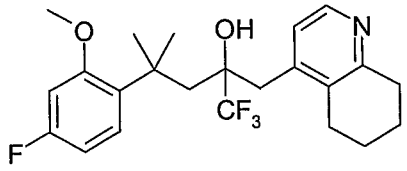
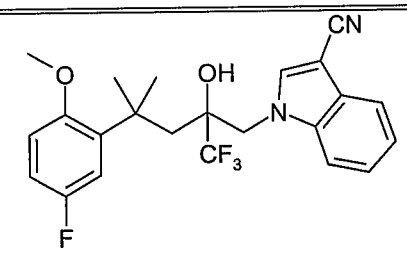
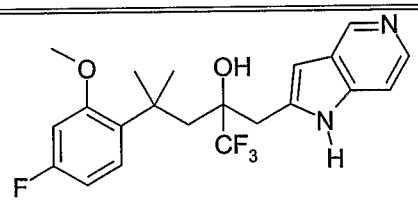
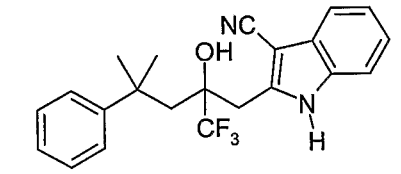
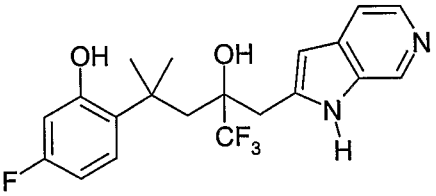
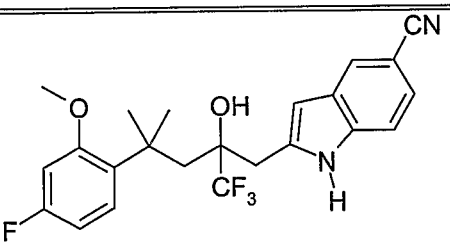
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4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)butyl]phenol	
1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol	

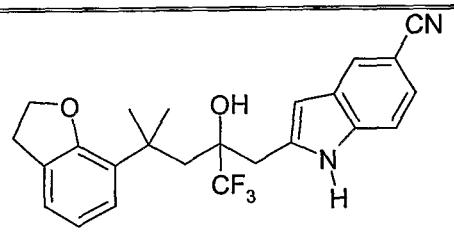
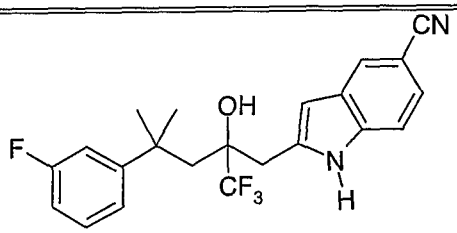
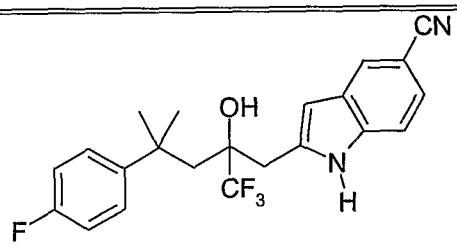
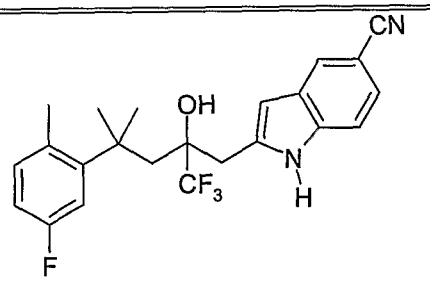
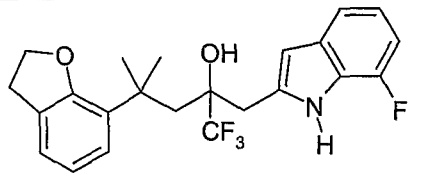
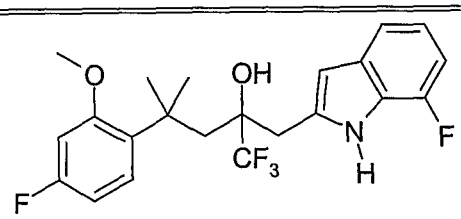
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1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(7-fluoro-4-methylquinolin-8-yl)-4-(4-fluorophenyl)-4-methylpentan-2-ol	
2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile	
2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile	
2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	

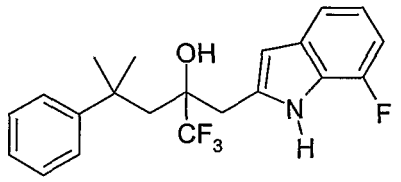
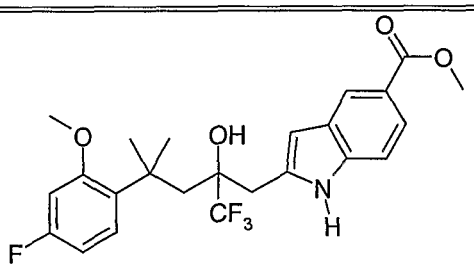
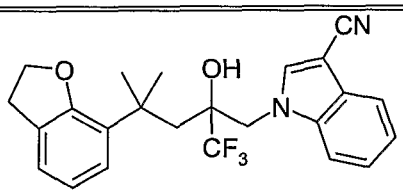
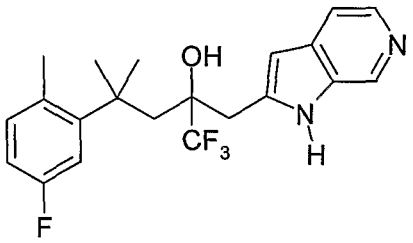
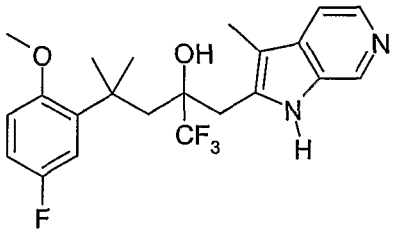
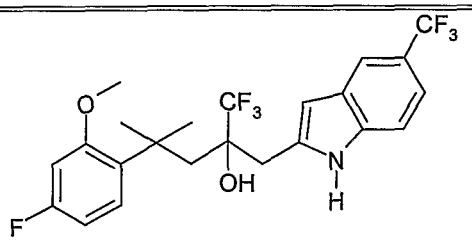
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2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile	
4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol	
2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol	
1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	

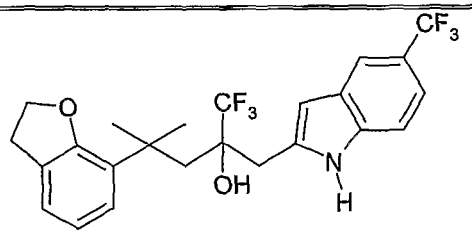
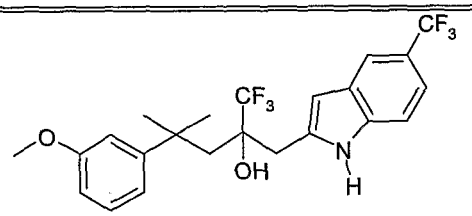
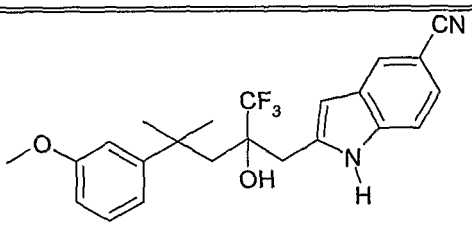
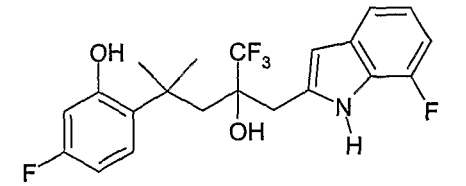
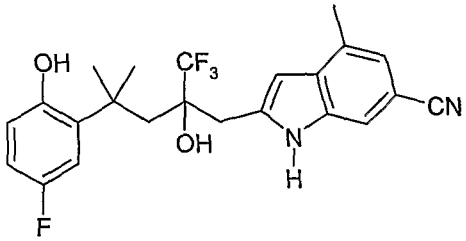
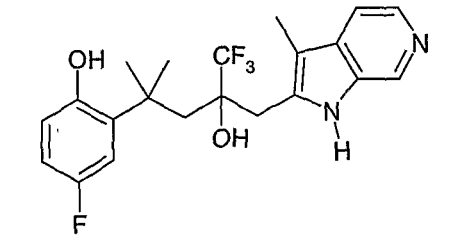
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4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol	
2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile	
2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile	
2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	

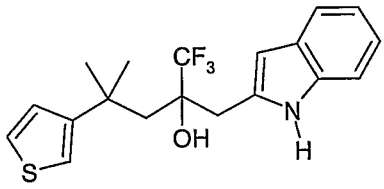
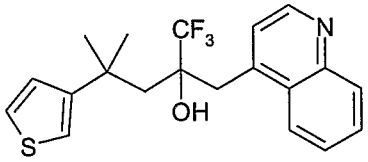
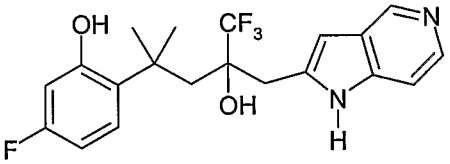
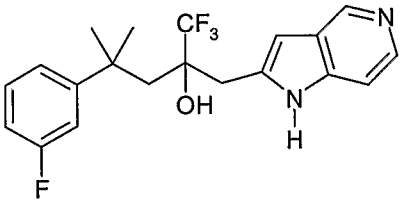
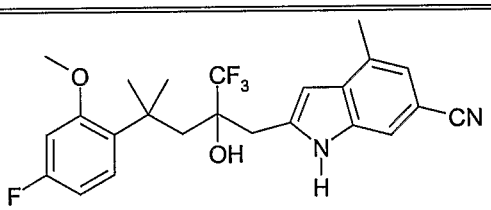
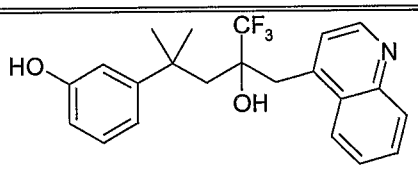
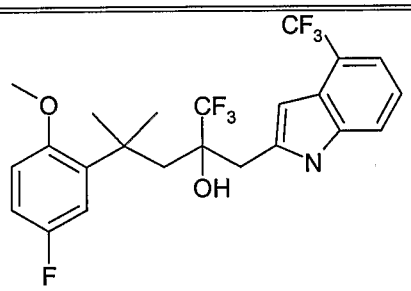
2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol	
4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol	
2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile	
2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile	

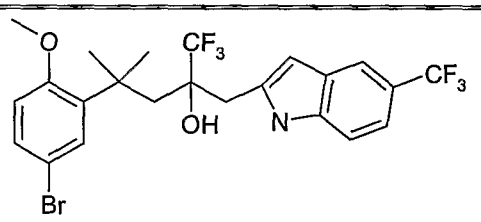
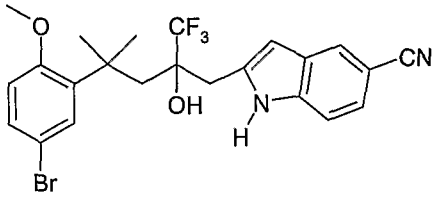
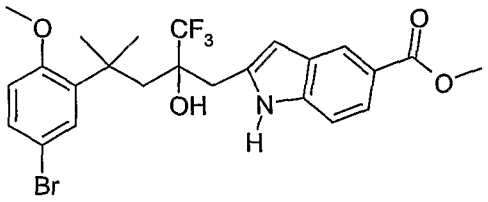
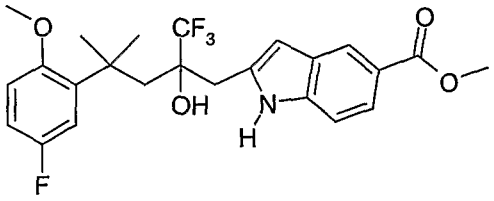
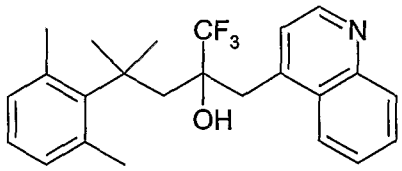
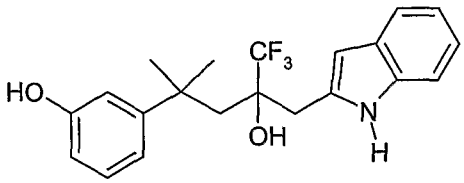
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1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol	
1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile	
1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol	
2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile	
5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol	
2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	

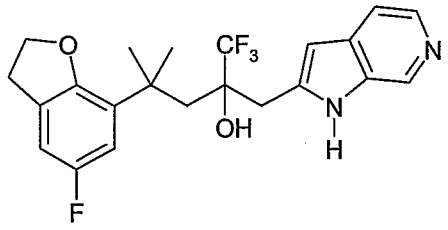
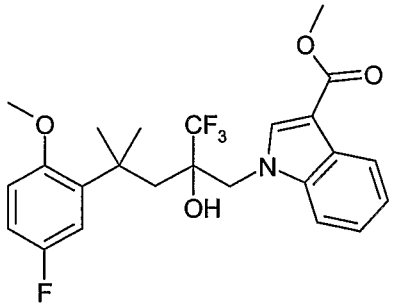
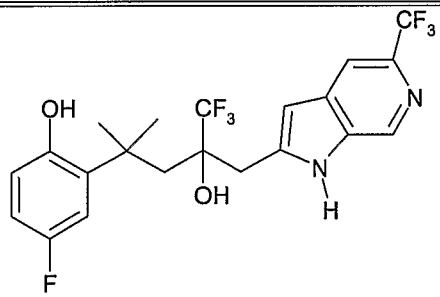
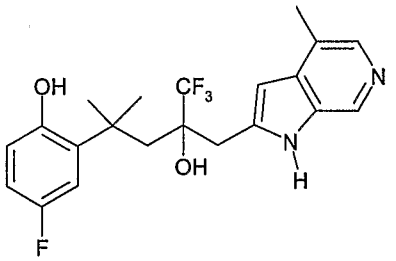
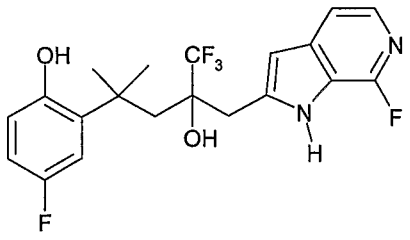
2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)4-methylpentan-2-ol	
1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	

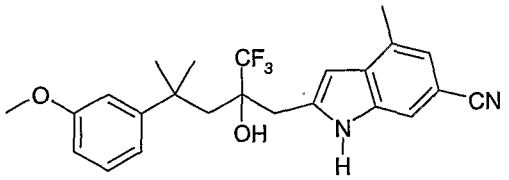
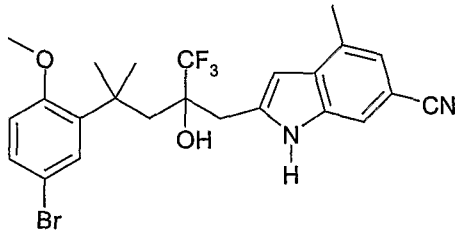
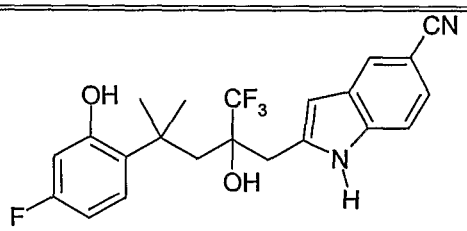
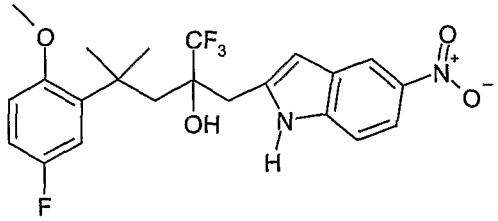
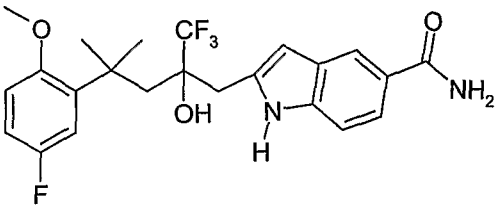
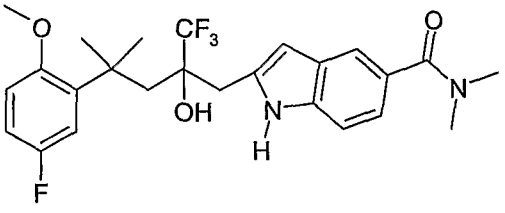
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2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester	
1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile	
1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	

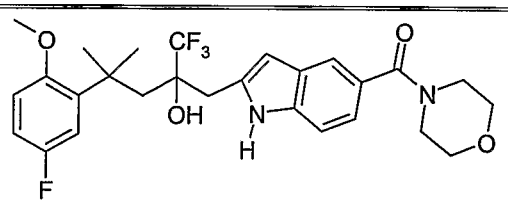
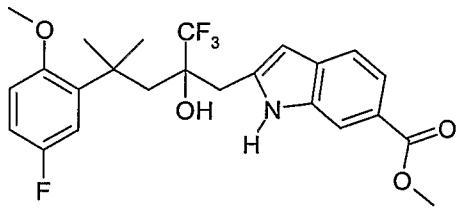
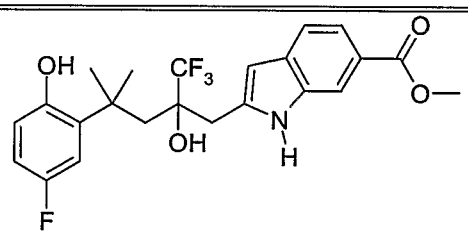
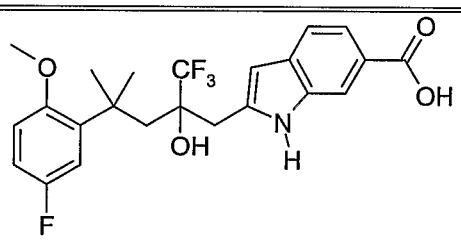
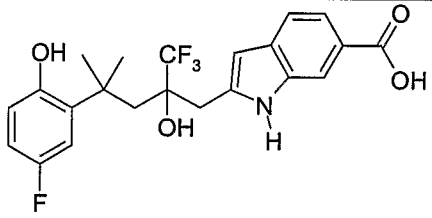
4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol	
2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol	

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol	
1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol	
5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol	
1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol	
2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol	
2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester	
2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester	
4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol	
3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol	

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol	
1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carboxylic acid methyl ester	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]-[2-trifluoromethylpyridin]-2-ylmethyl)butyl]phenol	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]-[3-methylpyridin]-2-ylmethyl)butyl]phenol	
4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]-[2-fluoropyridin]-2-ylmethyl)butyl]phenol	

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile	
2-[4-(4-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile	
1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-nitro-1*H*-indol-2-ylmethyl)pentan-2-ol	
2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid amide	
2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid dimethylamide	

{2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indol-5-yl}morpholin-4-ylmethanone	
2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester	
2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester	
2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid	
2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid	
or a tautomer, prodrug, solvate, or salt thereof.	

Preferred compounds of Formula (IA) include the following:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(pyridin-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-phenylbenzoxazol-2-ylmethyl)pentan-2-ol;

2-Benzofuran-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methylbenzofuran-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

6-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]nicotinonitrile;

2-(1*H*-Indol-2-ylmethyl)-1,1,1-trifluoro-4-(4-fluorophenyl)-4-methylpentan-2-ol;

2-(6-Chloro-4-trifluoromethylpyridin-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(5-Chloro-7-fluoro-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(3,4-Dichlorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

4-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-3-isoquinolin-1-ylmethyl-1,1-dimethylbutyl)phenol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-pyridin-2-ylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

4-(3,4-Difluorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol;

4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(5-methyl-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-Benzimidazol-1-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-chlorobenzimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-fluoropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-bromopyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

2-(5-Chloro-6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-3-[1-(5-fluoro-2-methoxyphenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-3-[1-(4-fluorophenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol;

2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(6-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,6-Dimethyl-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-Ethyl-6-[4,4,4-trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

2-[3-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

2-(7-Chloro-5-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methylphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluorophenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(3-fluorophenyl)-4-methylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-3*H*-benzoimidazole-5-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(6-Chloro-4-methyl-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*p*-tolylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-7-carbonitrile;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol;

2-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol;

4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol; and

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carboxylic acid methyl ester,

or a tautomer, prodrug, solvate, or salt thereof.

More preferred compounds of Formula (IA) include the following:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol;

4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-bromopyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-Ethyl-6-[4,4,4-trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*p*-tolylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol;

4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-nitro-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid amide;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid dimethylamide;

{2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indol-5-yl}morpholin-4-ylmethanone;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester;

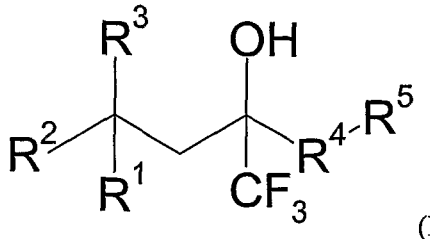
2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid; and

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid,

or a tautomer, prodrug, solvate, or salt thereof.

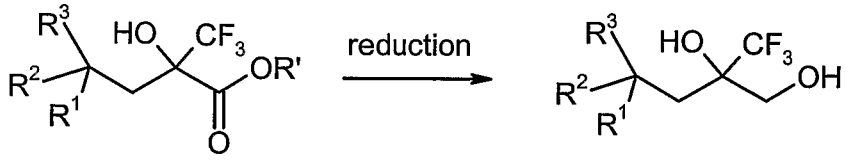
The invention also provides a method of making a compound of Formula (IA)



(IA)

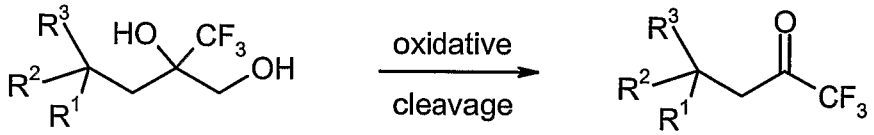
where R^1, R^2, R^3, R^4, and R^5 are as defined above, the method comprising:

(a) reacting an ester of Formula (II) with a suitable reducing agent in a suitable solvent to form a diol of Formula (III)



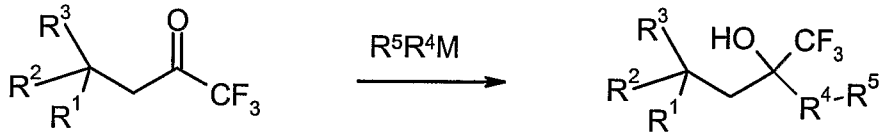
II III ;

(b) reacting the diol of Formula (III) under suitable oxidative cleavage conditions to form a ketone of Formula (IV)



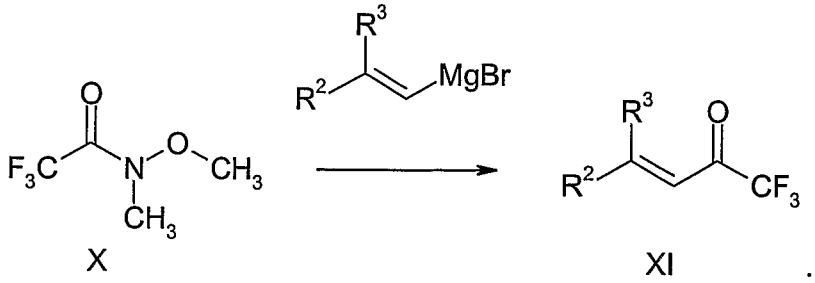
III IV ; and

(c) reacting the ketone of Formula (IV) with a suitable organometallic reagent R^5R^4M where M is Li or MgX and X is Cl, Br, or I, in a suitable solvent to form the compound of Formula (IA)



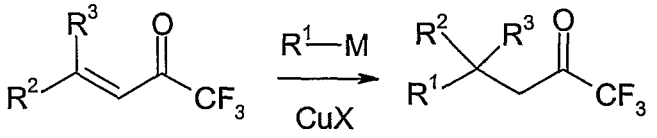
IV IA ; or

(a') reacting the trifluoroacetamide of Formula (X) with a vinyl magnesium bromide bearing R^2 and R^3 in a suitable solvent to provide the trifluoromethylenone of Formula (XI)



X XI ;

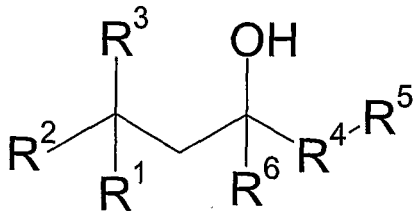
(b') reacting the trifluoromethylenone of Formula (XI) with a suitable organocopper reagent generated from an organometallic reagent R^5R^4M where M is Li or MgX and a copper salt CuX, where X is Cl, Br, or I, in a suitable solvent to form the ketone of Formula (IV)



XI IV ;

and performing step (c) as set forth above.

The instant invention is also directed to compounds of Formula (IB)



(IB)

wherein:

R^1 is an aryl or heteroaryl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5 alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, C_1-C_5 alkanoyl, aroyl, aminocarbonyl, C_1-C_5 alkylaminocarbonyl, C_1-C_5 dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, aminosulfonyl, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl or aryl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with one to three substituent groups selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino,

R^2 and R^3 are each independently C_1-C_5 alkyl;

R^4 is C_1-C_5 alkyl, C_2-C_5 alkenyl, or C_2-C_5 alkynyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^4 is independently C_1-C_3 alkyl, hydroxy, halogen, or oxo;

R^5 is a heteroaryl group optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5 alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, trifluoromethylthio, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with one to three substituent groups selected from C_1-C_3 alkyl, C_1-C_3 alkoxy, halogen, hydroxy, oxo, cyano, amino, or trifluoromethyl; and

R^6 is C_1-C_8 alkyl, C_2-C_8 alkenyl, C_2-C_8 alkynyl, carbocycle, heterocyclyl, aryl, heteroaryl, carbocycle-C_1-C_8 alkyl, aryl-C_1-C_8 alkyl, aryl-C_1-C_8 haloalkyl, heterocyclyl-C_1-C_8 alkyl, heteroaryl-C_1-C_8 alkyl, carbocycle-C_2-C_8 alkenyl, aryl-C_2-C_8 alkenyl, heterocyclyl-C_2-C_8 alkenyl, or heteroaryl-C_2-C_8 alkenyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^6 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, phenyl, C_1-C_5 alkoxy, phenoxy, C_1-C_5 alkanoyl, aroyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, aminocarbonyl, C_1-C_5 alkylaminocarbonyl, C_1-C_5 dialkylaminocarbonyl, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, oxo, trifluoromethyl, nitro, amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein R^6 cannot be trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

Another aspect of the invention includes compounds of Formula (IB), wherein:

R^1 is thienyl, phenyl, naphthyl, dihydrobenzofuranyl, benzofuranyl, chromanyl, dihydroindolyl, indolyl, dihydrobenzothienyl, benzothienyl, benzodioxolanyl, benzoxazolyl, benzisoxazolyl, benzpyrazolyl, benzimidazolyl, quinolinyl, pyridinyl, pyrimidinyl, or pyrazinyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3

alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with a substituent group selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino;

R^2 and R^3 are each independently C_1-C_3 alkyl;

R^4 is CH_2;

R^5 is an imidazolyl, pyridyl, indolyl, azaindolyl, diazaindolyl, benzofuranyl, furanopyridinyl, furanopyrimidinyl, benzothienyl, thienopyridinyl, thienopyrimidinyl, benzoxazolyl, oxazolopyridinyl, benzothiazolyl, thiazolopyridinyl, benzimidazolyl, imidazolopyridinyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, phenyl, C_1-C_3 alkoxy, methoxycarbonyl, aminocarbonyl, C_1-C_3 alkylaminocarbonyl, C_1-C_3 dialkylaminocarbonyl, heterocyclylcarbonyl, fluoro, chloro, bromo, cyano, trifluoromethyl, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with a substituent group selected from methyl, methoxy, fluoro, chloro, bromo, or trifluoromethyl; and

R^6 is C_1-C_5 alkyl, C_2-C_5 alkenyl, C_3-C_6 cycloalkyl, phenyl, C_3-C_6 cycloalkyl-C_1-C_3 alkyl, phenyl-C_1-C_3 alkyl, phenyl-C_1-C_3 haloalkyl, C_3-C_6 cycloalkyl-C_2-C_3 alkenyl, phenyl-C_2-C_3 alkenyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^6 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, aminocarbonyl, C_1-C_3 alkylaminocarbonyl, C_1-C_3 dialkylaminocarbonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

or a tautomer, prodrug, solvate, or salt thereof.

Yet another aspect of the invention includes compounds of Formula (IB), wherein:

R^1 is thienyl, phenyl, naphthyl, pyridyl, chromanyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one or two substituent groups,

wherein each substituent group of R^1 is independently methyl, ethyl, methoxy, ethoxy, fluoro, chloro, bromo, hydroxy, trifluoromethyl, or cyano;

R^2 and R^3 are each methyl;

R^4 is CH_2;

R^5 is a pyridyl, indolyl, azaindolyl, benzofuranyl, furanopyridinyl, thienopyridinyl, benzoxazolyl, benzimidazolyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently methyl, phenyl, methoxycarbonyl, aminocarbonyl, methylaminocarbonyl, dimethylaminoaminocarbonyl, morpholinylcarbonyl, fluoro, chloro, bromo, cyano, or trifluoromethyl; and

R^6 is C_1-C_5 alkyl, C_3-C_6 cycloalkyl, C_3-C_6 cycloalkyl-methyl-, or benzyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^6 is independently methyl, methoxy, fluoro, chloro, bromo, cyano, trifluoromethyl, or hydroxy,

or a tautomer, prodrug, solvate, or salt thereof.

Yet another aspect of the invention includes compounds of Formula (IB), wherein:

R^1 is phenyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one to three substituent groups,

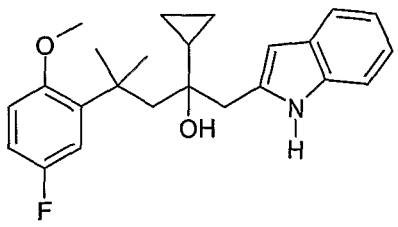
wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3 alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone; and

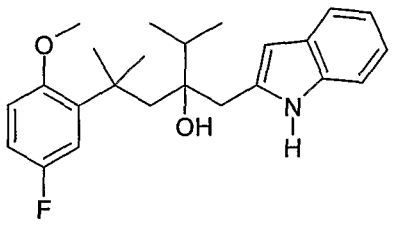
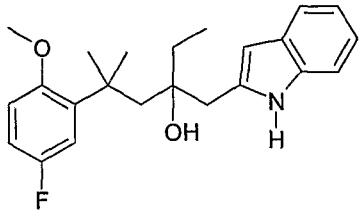
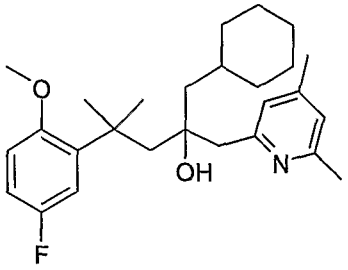
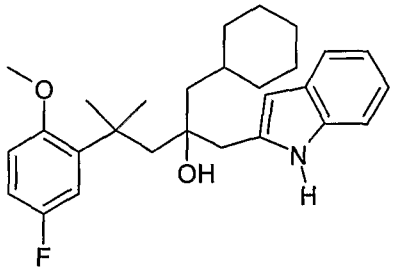
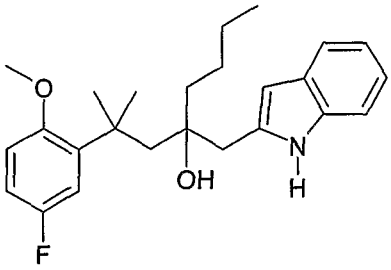
R^2 and R^3 are each independently C_1-C_3 alkyl,

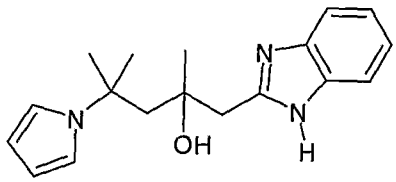
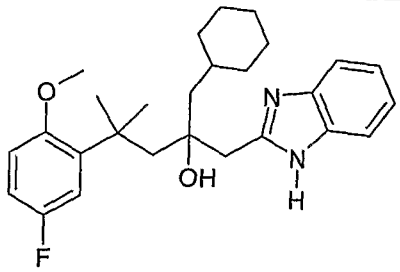
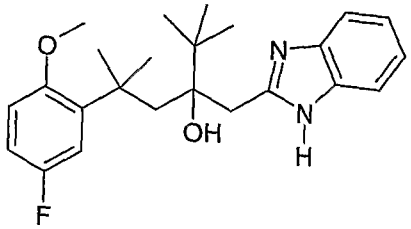
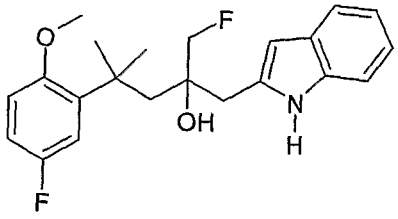
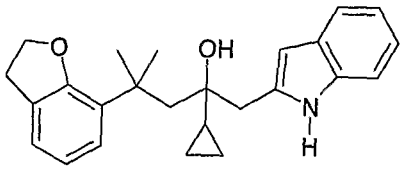
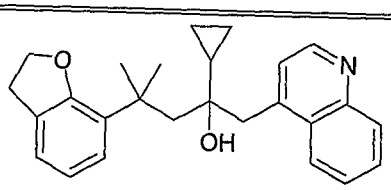
or a tautomer, prodrug, solvate, or salt thereof.

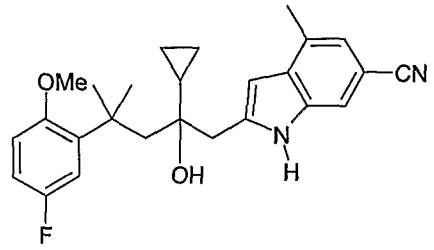
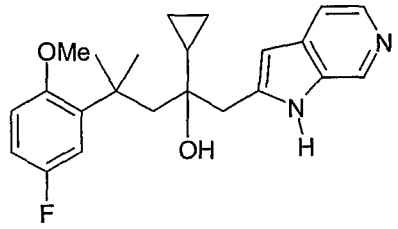
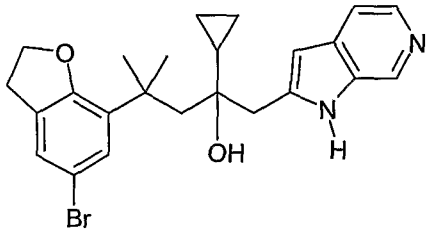
In yet other aspects of the invention, one to three substituent groups of R^1 in the compounds of Formula (IB) is independently C_1-C_3 alkylamino or C_1-C_3 dialkylamino.

The following are representative compounds of Formula (IB) according to the invention:

Compound Name	Compound Structure
2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol	

5-(5-Fluoro-2-methoxyphenyl)-3-(1*H*-indol-2-ylmethyl)-2,5-dimethylhexan-3-ol	
5-(5-Fluoro-2-methoxyphenyl)-3-(1*H*-indol-2-ylmethyl)-5-methylhexan-3-ol	
2-Cyclohexylmethyl-1-(4,6-dimethylpyridin-2-yl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
2-Cyclohexylmethyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol	
7-(5-Fluoro-2-methoxyphenyl)-5-(1*H*-indol-2-ylmethyl)-7-methyloctan-5-ol	

2-(Benzimidazol-2-ylmethyl)-4-methyl-4-(pyrrol-1-yl)pentan-2-ol	
1-(1*H*-Benzoimidazol-2-yl)-2-cyclohexylmethyl-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol	
5-(5-Fluoro-2-methoxyphenyl)-3-(benzimidazol-2-ylmethyl)-2,2,5-trimethylhexan-3-ol	
4-(5-Fluoro-2-methoxyphenyl)-2-fluoromethyl-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol	
2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol	
2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(quinolin-4-yl)-4-methylpentan-2-ol	

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(6-cyano-4-methylindol-2-yl)-4-methylpentan-2-ol	
2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol	
4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-cyclopropyl-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol	
or a tautomer, prodrug, solvate, or salt thereof.	

Preferred compounds of Formula (IB) include the following:

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-2,5-dimethylhexan-3-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-5-methylhexan-3-ol;

1-Cyclohexyl-4-(5-fluoro-2-methoxyphenyl)-2-(indol-2-ylmethyl)-4-methylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(benzimidazol-2-ylmethyl)-2,2,5-trimethylhexan-3-ol;

4-(5-Fluoro-2-methoxyphenyl)-2-fluoromethyl-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(quinolin-4-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(6-cyano-4-methylindol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol; and

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-cyclopropyl-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol,

or a tautomer, prodrug, solvate, or salt thereof.

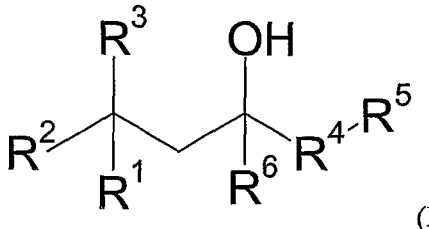
More preferred compounds of Formula (IB) include:

2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol; and

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol;

or a tautomer, prodrug, solvate, or salt thereof.

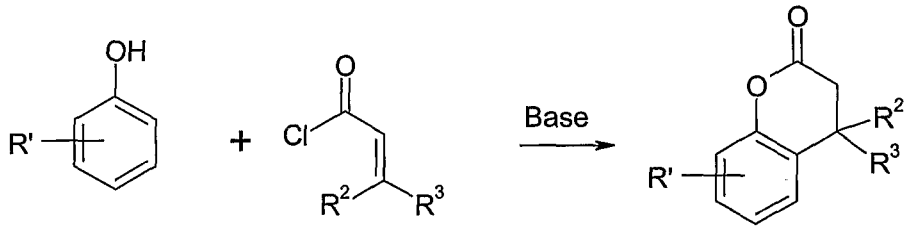
The invention further provides methods of making a compound of Formula (IB). One method of making a compound of Formula (IB)



(IB)

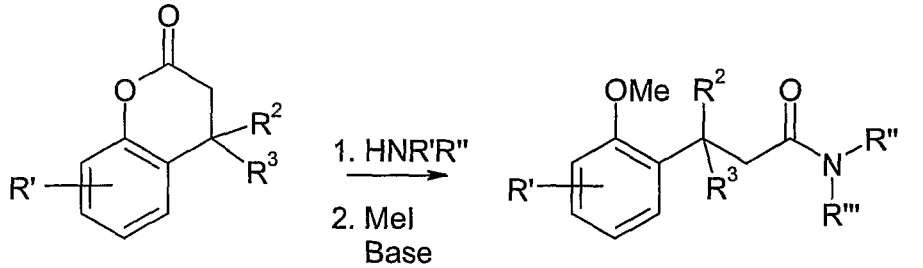
where R^1 is an optionally substituted 2-methoxyphenyl group and R^2, R^3, R^4, R^5, and R^6 are as defined above, the method comprising:

(a) reacting an optionally substituted phenol of Formula (XXII) with an acryloyl chloride of Formula (XIII) in the presence of a suitable base, followed by cyclization of the intermediate ester by treatment with a suitable Lewis acid to form a lactone of Formula (XIV)



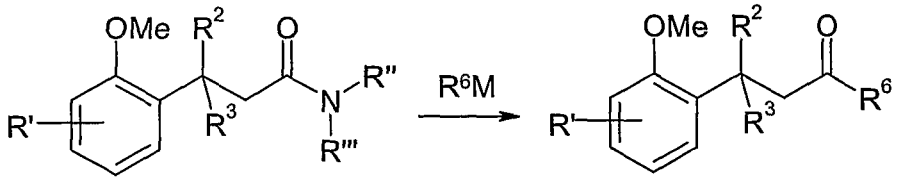
XII XIII XIV ;

(b) reacting the lactone of Formula (XIV) with a suitable amine HNR'R'', followed by treatment of the intermediate phenol with methyl iodide in the presence of a suitable base to form an amide of Formula (XV)



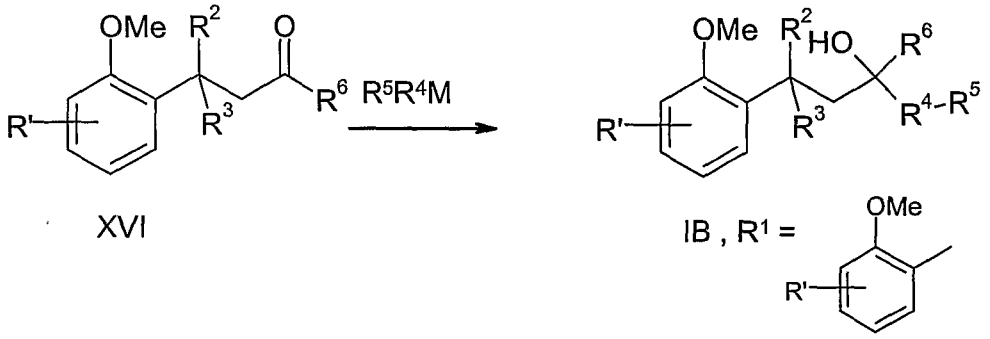
XIV XV ;

(c) reacting the amide of Formula (XV) with a suitable organometallic reagent R^6M, where M is Li or MgX and X is Cl, Br, or I, in a suitable solvent to form a ketone of Formula (XVI)



XV XVI ;

(d) reacting the ketone of Formula (XVI) with a suitable organometallic reagent R^5R^4M where M is Li or MgX and X is Cl, Br, or I, in a suitable solvent to form the compound of Formula (IB)

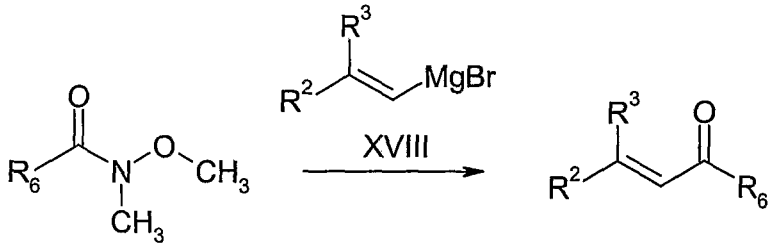


XVI IB , R^1 =

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A second method for making a compound of Formula (IB) comprises:

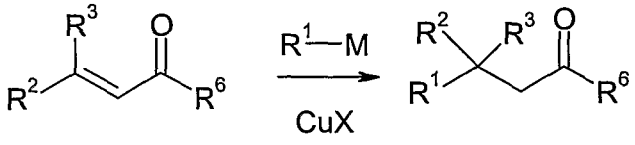
(a') reacting an amide of Formula (XVII) with a vinyl magnesium bromide bearing R^2 and R^3 of Formula (XVIII) in a suitable solvent to provide an enone of Formula (XIX)



XVII XVIII XIX ;

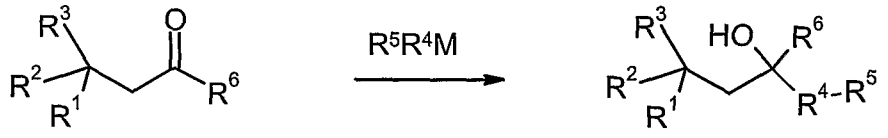
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(b') reacting the enone of Formula (XIX) with a suitable organocopper reagent generated from an organometallic reagent R^1M, where M is Li or MgX, and a copper salt CuX, where X is Cl, Br, or I, in a suitable solvent to form a ketone of Formula (XX)



XIX XX ; and

(c') reacting the ketone of Formula (XX) with a suitable organometallic reagent R^5R^4M, where M is Li or MgX, and X is Cl, Br, or I, in a suitable solvent to form the compound of Formula (IB)



XX IB .

In another aspect of the invention, the compounds according to the invention are formulated into pharmaceutical compositions comprising an effective amount, preferably a pharmaceutically effective amount, of a compound according to the invention or a tautomer, prodrug, solvate, or salt thereof, and a pharmaceutically acceptable excipient or carrier.

The invention also provides a method of modulating the glucocorticoid receptor function in a patient, the method comprising administering to the patient an effective amount of a compound according to the invention or a tautomer, prodrug, solvate, or salt thereof.

The invention further provides a method of treating a disease-state or condition mediated by the glucocorticoid receptor function in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to the invention or a tautomer, prodrug, solvate, or salt thereof.

In addition, the invention also provides a method of treating a disease-state or condition selected from: type II diabetes, obesity, cardiovascular diseases, hypertension, arteriosclerosis, neurological diseases, adrenal and pituitary tumors, and glaucoma, in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a

pharmaceutically acceptable compound according to the invention or a tautomer, prodrug, solvate, or salt thereof.

The invention provides a method of treating a disease characterized by inflammatory, allergic, or proliferative processes, in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to the invention or a tautomer, prodrug, solvate, or salt thereof. In a preferred embodiment of the invention, the disease characterized by inflammatory, allergic, or proliferative processes is selected from: (i) lung diseases; (ii) rheumatic diseases or autoimmune diseases or joint diseases; (iii) allergic diseases; (iv) vasculitis diseases; (v) dermatological diseases; (vi) renal diseases; (vii) hepatic diseases; (viii) gastrointestinal diseases; (ix) proctological diseases; (x) eye diseases; (xi) diseases of the ear, nose, and throat (ENT) area; (xii) neurological diseases; (xiii) blood diseases; (xiv) tumor diseases; (xv) endocrine diseases; (xvi) organ and tissue transplantations and graft-versus-host diseases; (xvii) severe states of shock; (xviii) substitution therapy; and (xix) pain of inflammatory genesis. In another preferred embodiment of the invention, the disease characterized by inflammatory, allergic, or proliferative processes is selected from: type I diabetes, osteoarthritis, Guillain-Barre syndrome, restenosis following percutaneous transluminal coronary angioplasty, Alzheimer disease, acute and chronic pain, atherosclerosis, reperfusion injury, bone resorption diseases, congestive heart failure, myocardial infarction, thermal injury, multiple organ injury secondary to trauma, acute purulent meningitis, necrotizing enterocolitis, and syndromes associated with hemodialysis, leukopheresis, and granulocyte transfusion.

The invention further provides methods of treating the disease-states or conditions mentioned above, in a patient in need of such treatment, the methods comprising sequentially or simultaneously administering to the patient: (a) an effective amount of a pharmaceutically acceptable compound according to the invention or a tautomer, prodrug, solvate, or salt thereof; and (b) a pharmaceutically acceptable glucocorticoid.

The invention further provides a method of assaying the glucocorticoid receptor function in a sample, comprising: (a) contacting the sample with a selected amount of a compound according to the invention or a tautomer, prodrug, solvate, or salt thereof; and (b) detecting the amount of

the compound according to the invention or a tautomer, prodrug, solvate, or salt thereof bound to glucocorticoid receptors in the sample. In a preferred embodiment of the invention, the compound according to the invention or a tautomer, prodrug, solvate, or salt thereof is labeled with a detectable marker selected from: a radiolabel, fluorescent tag, a chemiluminescent tag, a chromophore, and a spin label.

The invention also provides a method of imaging the glucocorticoid receptor distribution in a sample or patient, the method comprising: (a) contacting the sample or administering to a patient a compound according to the invention or a tautomer, prodrug, solvate, or salt thereof having a detectable marker; (b) detecting the spatial distribution and amount of the compound according to the invention or a tautomer, prodrug, solvate, or salt thereof having a detectable marker bound to glucocorticoid receptors in the sample or patient using an imaging means to obtain an image; and (c) displaying an image of the spatial distribution and amount of the compound according to the invention or a tautomer, prodrug, solvate, or salt thereof having a detectable marker bound to glucocorticoid receptors in the sample. In a preferred embodiment of the invention, the imaging means is selected from: radioscintigraphy, nuclear magnetic resonance imaging (MRI), computed tomography (CT scan), or positron emission tomography (PET).

The invention also provides a kit for the *in vitro* diagnostic determination of the glucocorticoid receptor function in a sample, comprising: (a) a diagnostically effective amount of a compound according to the invention or a tautomer, prodrug, solvate, or salt thereof; and (b) instructions for use of the diagnostic kit.

Detailed Description of the Invention

Definition of Terms and Conventions Used

Terms not specifically defined herein should be given the meanings that would be given to them by one of skill in the art in light of the disclosure and the context. As used in the specification and appended claims, however, unless specified to the contrary, the following terms have the meaning indicated and the following conventions are adhered to.

A. Chemical Nomenclature, Terms, and Conventions

In the groups, radicals, or moieties defined below, the number of carbon atoms is often specified preceding the group, for example, C_1-C_{10} alkyl means an alkyl group or radical having 1 to 10 carbon atoms. The term "lower" applied to any carbon-containing group means a group containing from 1 to 8 carbon atoms, as appropriate to the group (i.e., a cyclic group must have at least 3 atoms to constitute a ring). In general, for groups comprising two or more subgroups, the last named group is the radical attachment point, for example, "alkylaryl" means a monovalent radical of the formula Alk-Ar-, while "arylalkyl" means a monovalent radical of the formula Ar-Alk- (where Alk is an alkyl group and Ar is an aryl group). Furthermore, the use of a term designating a monovalent radical where a divalent radical is appropriate shall be construed to designate the respective divalent radical and *vice versa*. Unless otherwise specified, conventional definitions of terms control and conventional stable atom valences are presumed and achieved in all formulas and groups.

The terms "alkyl" or "alkyl group" mean a branched or straight-chain saturated aliphatic hydrocarbon monovalent radical. This term is exemplified by groups such as methyl, ethyl, *n*-propyl, 1-methylethyl (isopropyl), *n*-butyl, *n*-pentyl, 1,1-dimethylethyl (*tert*-butyl), and the like. It may be abbreviated "Alk".

The terms "alkenyl" or "alkenyl group" mean a branched or straight-chain aliphatic hydrocarbon monovalent radical containing at least one carbon-carbon double bond. This term is exemplified by groups such as ethenyl, propenyl, *n*-butenyl, isobutenyl, 3-methylbut-2-enyl, *n*-pentenyl, heptenyl, octenyl, decenyl, and the like.

The terms "alkynyl" or "alkynyl group" mean a branched or straight-chain aliphatic hydrocarbon monovalent radical containing at least one carbon-carbon triple bond. This term is exemplified by groups such as ethynyl, propynyl, *n*-butynyl, 2-butynyl, 3-methylbutynyl, *n*-pentynyl, heptynyl, octynyl, decynyl, and the like.

The terms "alkylene" or "alkylene group" mean a branched or straight-chain saturated aliphatic hydrocarbon divalent radical having the specified number of carbon atoms. This term is exemplified by groups such as methylene, ethylene, propylene, *n*-butylene, and the like, and may alternatively and equivalently be denoted herein as -(alkyl)-.

The terms "alkenylene" or "alkenylene group" mean a branched or straight-chain aliphatic hydrocarbon divalent radical having the specified number of carbon atoms and at least one carbon-carbon double bond. This term is exemplified by groups such as ethenylene, propenylene, *n*-butenylene, and the like, and may alternatively and equivalently be denoted herein as -(alkylenyl)-.

The terms "alkynylene" or "alkynylene group" mean a branched or straight-chain aliphatic hydrocarbon divalent radical containing at least one carbon-carbon triple bond. This term is exemplified by groups such as ethynylene, propynylene, *n*-butynylene, 2-butynylene, 3-methylbutynylene, *n*-pentynylene, heptynylene, octynylene, decynylene, and the like, and may alternatively and equivalently be denoted herein as -(alkynyl)-.

The terms "alkoxy" or "alkoxy group" mean a monovalent radical of the formula AlkO-, where Alk is an alkyl group. This term is exemplified by groups such as methoxy, ethoxy, propoxy, isopropoxy, butoxy, *sec*-butoxy, *tert*-butoxy, pentoxy, and the like.

The terms "aryloxy", "aryloxy group", mean a monovalent radical of the formula ArO-, where Ar is aryl. This term is exemplified by groups such as phenoxy, naphthoxy, and the like.

The terms "alkylcarbonyl", "alkylcarbonyl group", "alkanoyl", or "alkanoyl group" mean a monovalent radical of the formula AlkC(O)-, where Alk is alkyl or hydrogen.

The terms "arylcarbonyl", "arylcarbonyl group", "aroyl" or "aroyl group" mean a monovalent radical of the formula ArC(O)-, where Ar is aryl.

The terms "acyl" or "acyl group" mean a monovalent radical of the formula RC(O)-, where R is a substituent selected from hydrogen or an organic substituent. Exemplary substituents include alkyl, aryl, arylalkyl, cycloalkyl, heterocyclyl, heteroaryl, heteroarylalkyl, and the like. As such, the terms comprise alkylcarbonyl groups and arylcarbonyl groups.

The terms "acylamino" or "acylamino group" mean a monovalent radical of the formula RC(O)N(R)-, where each R is a substituent selected from hydrogen or a substituent group.

The terms "alkoxycarbonyl" or "alkoxycarbonyl group" mean a monovalent radical of the formula AlkO-C(O)-, where Alk is alkyl. Exemplary alkoxycarbonyl groups include methoxycarbonyl, ethoxycarbonyl, *tert*-butyloxycarbonyl, and the like.

The terms "alkylaminocarbonyloxy" or "alkylaminocarbonyloxy group" mean a monovalent radical of the formula $R_2NC(O)O$-, where each R is independently hydrogen or lower alkyl.

The term "alkoxycarbonylamino" or "alkoxycarbonylamino group" mean a monovalent radical of the formula ROC(O)NH-, where R is lower alkyl.

The terms "alkylcarbonylamino" or "alkylcarbonylamino group" or "alkanoylamino" or "alkanoylamino groups" mean a monovalent radical of the formula AlkC(O)NH-, where Alk is alkyl. Exemplary alkylcarbonylamino groups include acetamido ($CH_3C(O)NH$-).

The terms "alkylaminocarbonyloxy" or "alkylaminocarbonyloxy group" mean a monovalent radical of the formula AlkNHC(O)O-, where Alk is alkyl.

The terms "amino" or "amino group" mean an $-NH_2$ group.

The terms "alkylamino" or "alkylamino group" mean a monovalent radical of the formula (Alk)NH-, where Alk is alkyl. Exemplary alkylamino groups include methylamino, ethylamino, propylamino, butylamino, *tert*-butylamino, and the like.

The terms "dialkylamino" or "dialkylamino group" mean a monovalent radical of the formula (Alk)(Alk)N-, where each Alk is independently alkyl. Exemplary dialkylamino groups include dimethylamino, methylethylamino, diethylamino, dipropylamino, ethylpropylamino, and the like.

The terms "substituted amino" or "substituted amino group" mean a monovalent radical of the formula $-NR_2$, where each R is independently a substituent selected from hydrogen or the specified substituents (but where both Rs cannot be hydrogen). Exemplary substituents include alkyl, alkanoyl, aryl, arylalkyl, cycloalkyl, heterocyclyl, heteroaryl, heteroarylalkyl, and the like.

The terms "alkoxycarbonylamino" or "alkoxycarbonylamino group" mean a monovalent radical of the formula AlkOC(O)NH-, where Alk is alkyl.

The terms "ureido" or "ureido group" mean a monovalent radical of the formula $R_2NC(O)NH-$, where each R is independently hydrogen or alkyl.

The terms "halogen" or "halogen group" mean a fluoro, chloro, bromo, or iodo group.

The term "halo" means one or more hydrogen atoms of the group are replaced by halogen groups.

The terms "haloalkyl" or "haloalkyl group" mean a branched or straight-chain saturated aliphatic hydrocarbon monovalent radical, wherein one or more hydrogen atoms thereof are each independently replaced with halogen atoms. This term is exemplified by groups such as chloromethyl, 1,2-dibromoethyl, 1,1,1-trifluoropropyl, 2-iodobutyl, 1-chloro-2-bromo-3-fluoropentyl, and the like.

The terms "sulfanyl", "sulfanyl group", "thioether", or "thioether group" mean a divalent radical of the formula -S-.

The terms "alkylthio" or "alkylthio group" mean a monovalent radical of the formula AlkS-, where Alk is alkyl. Exemplary groups include methylthio, ethylthio, *n*-propylthio, isopropylthio, *n*-butylthio, and the like.

The terms "sulfonyl" or "sulfonyl group" mean a divalent radical of the formula $-SO_2-$.

The terms "sulfonylamino" or "sulfonylamino group" mean a divalent radical of the formula $-SO_2NR-$, where R is a hydrogen or a substituent group.

The terms "aminosulfonyl" or "aminosulfonyl group" mean a monovalent radical of the formula NR_2SO_2-, where R is each independently a hydrogen or a substituent group.

The terms "carbocycle" or "carbocyclic group" mean a stable aliphatic 3- to 15-membered monocyclic or polycyclic monovalent or divalent radical consisting solely of carbon and hydrogen atoms which may comprise one or more fused or bridged ring(s), preferably a 5- to 7-membered monocyclic or 7- to 10-membered bicyclic ring. Unless otherwise specified, the carbocycle may be attached at any carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom which results in a stable structure. The term comprises cycloalkyl (including spiro cycloalkyl), cycloalkylene, cycloalkenyl, cycloalkenylene, cycloalkynyl, and cycloalkynylene, and the like.

The terms "cycloalkyl" or "cycloalkyl group" mean a stable aliphatic saturated 3- to 15-membered monocyclic or polycyclic monovalent radical consisting solely of carbon and hydrogen atoms which may comprise one or more fused or bridged ring(s), preferably a 5- to 7-membered monocyclic or 7- to 10-membered bicyclic ring. Unless otherwise specified, the cycloalkyl ring may be attached at any carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom which results in a stable structure. Exemplary cycloalkyl groups include cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl, cyclononyl, cyclodecyl, norbornanyl, adamantyl, tetrahydronaphthyl (tetralin), 1-decalinyl, bicyclo[2.2.2]octanyl, 1-methylcyclopropyl, 2-methylcyclopentyl, 2-methylcyclooctyl, and the like.

The terms "cycloalkenyl" or "cycloalkenyl group" mean a stable aliphatic 3- to 15-membered monocyclic or polycyclic monovalent radical having at least one carbon-carbon double bond and consisting solely of carbon and hydrogen atoms which may comprise one or more fused or bridged ring(s), preferably a 5- to 7-membered monocyclic or 7- to 10-membered bicyclic ring. Unless otherwise specified, the cycloalkenyl ring may be attached at any carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom

which results in a stable structure. Exemplary cycloalkenyl groups include cyclopentenyl, cyclohexenyl, cycloheptenyl, cyclooctenyl, cyclononenyl, cyclodecenyl, norbornenyl, 2-methylcyclopentenyl, 2-methylcyclooctenyl, and the like.

The terms "cycloalkynyl" or "cycloalkynyl group" mean a stable aliphatic 8- to 15-membered monocyclic or polycyclic monovalent radical having at least one carbon-carbon triple bond and consisting solely of carbon and hydrogen atoms which may comprise one or more fused or bridged ring(s), preferably a 8- to 10-membered monocyclic or 12- to 15-membered bicyclic ring. Unless otherwise specified, the cycloalkynyl ring may be attached at any carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom which results in a stable structure. Exemplary cycloalkynyl groups include, cyclooctynyl, cyclononynyl, cyclodecynyl, 2-methylcyclooctynyl, and the like.

The terms "cycloalkylene" or "cycloalkylene group" mean a stable saturated aliphatic 3- to 15-membered monocyclic or polycyclic divalent radical consisting solely of carbon and hydrogen atoms which may comprise one or more fused or bridged ring(s), preferably a 5- to 7-membered monocyclic or 7- to 10-membered bicyclic ring. Unless otherwise specified, the cycloalkyl ring may be attached at any carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom which results in a stable structure. Exemplary cycloalkylene groups include cyclopentylene, and the like.

The terms "cycloalkenylene" or "cycloalkenylene group" mean a stable aliphatic 5- to 15-membered monocyclic or polycyclic divalent radical having at least one carbon-carbon double bond and consisting solely of carbon and hydrogen atoms which may comprise one or more fused or bridged ring(s), preferably a 5- to 7-membered monocyclic or 7- to 10-membered bicyclic ring. Unless otherwise specified, the cycloalkenylene ring may be attached at any carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom which results in a stable structure. Exemplary cycloalkenylene groups include cyclopentenylene, cyclohexenylene, cycloheptenylene, cyclooctenylene, cyclononenylene, cyclodecenylene, norbornenylene, 2-methylcyclopentenylene, 2-methylcyclooctenylene, and the like.

The terms "cycloalkynylene" or "cycloalkynylene group" mean a stable aliphatic 8- to 15-membered monocyclic or polycyclic divalent radical having at least one carbon-carbon triple bond and consisting solely of carbon and hydrogen atoms which may comprise one or more fused or bridged ring(s), preferably a 8- to 10-membered monocyclic or 12- to 15-membered bicyclic ring. Unless otherwise specified, the cycloalkynylene ring may be attached at any carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom which results in a stable structure. Exemplary cycloalkynylene groups include cyclooctynylene, cyclononynylene, cyclodecynylene, 2-methylcyclooctynylene, and the like.

The terms "aryl" or "aryl group" mean an aromatic carbocyclic monovalent or divalent radical of from 6 to 14 carbon atoms having a single ring (e.g., phenyl or phenylene) or multiple condensed rings (e.g., naphthyl or anthranyl). Unless otherwise specified, the aryl ring may be attached at any suitable carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable carbon atom which results in a stable structure. Exemplary aryl groups include phenyl, naphthyl, anthryl, phenanthryl, indanyl, indenyl, biphenyl, and the like. It may be abbreviated "Ar".

The terms "heteroaryl" or "heteroaryl group" mean a stable aromatic 5- to 14-membered, monocyclic or polycyclic monovalent or divalent radical which may comprise one or more fused or bridged ring(s), preferably a 5- to 7-membered monocyclic or 7- to 10-membered bicyclic radical, having from one to four heteroatoms in the ring(s) independently selected from nitrogen, oxygen, and sulfur, wherein any sulfur heteroatoms may optionally be oxidized and any nitrogen heteroatom may optionally be oxidized or be quaternized. Unless otherwise specified, the heteroaryl ring may be attached at any suitable heteroatom or carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable heteroatom or carbon atom which results in a stable structure. Exemplary and preferred heteroaryls include furanyl, thienyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, pyrazolyl, isoxazolyl, isothiazolyl, oxadiazolyl, triazolyl, tetrazolyl, thiadiazolyl, pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl, triazinyl, indolizinyl, azaindolizinyl, indolyl, azaindolyl, diazaindolyl, dihydroindolyl, dihydroazaindoyl, isoindolyl, azaisoindolyl, benzofuranyl, furanopyridinyl, furanopyrimidinyl, furanopyrazinyl, furanopyridazinyl, dihydrobenzofuranyl, dihydrofuranopyridinyl,

dihydrofuranopyrimidinyl, benzodioxolanyl, benzothienyl, thienopyridinyl, thienopyrimidinyl, thienopyrazinyl, thienopyridazinyl, dihydrobenzothienyl, dihydrothienopyridinyl, dihydrothienopyrimidinyl, indazolyl, azaindazolyl, diazaindazolyl, benzimidazolyl, imidazopyridinyl, benzthiazolyl, thiazolopyridinyl, thiazolopyrimidinyl, benzoxazolyl, oxazolopyridinyl, oxazolopyrimidinyl, benzisoxazolyl, purinyl, chromanyl, azachromanyl, quinolizinyl, quinolinyl, dihydroquinolinyl, tetrahydroquinolinyl, isoquinolinyl, dihydroisoquinolinyl, tetrahydroisoquinolinyl, cinnolinyl, azacinnolinyl, phthalazinyl, azaphthalazinyl, quinazolinyl, azaquinazolinyl, quinoxalinyl, azaquinoxalinyl, naphthyridinyl, dihydronaphthyridinyl, tetrahydronaphthyridinyl, pteridinyl, carbazolyl, acridinyl, phenazinyl, phenothiazinyl, and phenoxazinyl, and the like.

The terms "heterocycle", "heterocycle group", "heterocyclyl", or "heterocyclyl group" mean a stable non-aromatic 5- to 14-membered monocyclic or polycyclic, monovalent or divalent, ring which may comprise one or more fused or bridged ring(s), preferably a 5- to 7-membered monocyclic or 7- to 10-membered bicyclic ring, having from one to three heteroatoms in the ring(s) independently selected from nitrogen, oxygen, and sulfur, wherein any sulfur heteroatoms may optionally be oxidized and any nitrogen heteroatom may optionally be oxidized or be quaternized. Unless otherwise specified, the heterocyclyl ring may be attached at any suitable heteroatom or carbon atom which results in a stable structure and, if substituted, may be substituted at any suitable heteroatom or carbon atom which results in a stable structure. Exemplary and preferred heterocycles include pyrrolinyl, pyrrolidinyl, pyrazolinyl, pyrazolidinyl, piperidinyl, morpholinyl, thiomorpholinyl, piperazinyl, tetrahydropyranyl, tetrahydrothiopyranyl, tetrahydrofuranyl, hexahydropyrimidinyl, hexahydropyridazinyl, and the like.

The term "compounds of Formula (I)" and equivalent expressions are mean to embrace either or both of compounds of Formula (IA) and compounds of Formula (IB) as the context permits.

The term "compounds of the invention" and equivalent expressions are meant to embrace compounds of Formula (I) as herein described, including the tautomers, the prodrugs, the salts, particularly the pharmaceutically acceptable salts, and the solvates and hydrates thereof, where the context so permits. In general and preferably, the compounds of the invention and the

formulas designating the compounds of the invention are understood to only include the stable compounds thereof and exclude unstable compounds, even if an unstable compound might be considered to be literally embraced by the compound formula. Similarly, reference to intermediates, whether or not they themselves are claimed, is meant to embrace their salts and solvates, where the context so permits. For the sake of clarity, particular instances when the context so permits are sometimes indicated in the text, but these instances are purely illustrative and it is not intended to exclude other instances when the context so permits.

The terms "optional" or "optionally" mean that the subsequently described event or circumstances may or may not occur, and that the description includes instances where the event or circumstance occurs and instances in which it does not. For example, "optionally substituted aryl" means that the aryl radical may or may not be substituted and that the description includes both substituted aryl radicals and aryl radicals having no substitution.

The terms "stable compound" or "stable structure" mean a compound that is sufficiently robust to survive isolation to a useful degree of purity from a reaction mixture, and formulation into an efficacious therapeutic or diagnostic agent. For example, a compound which would have a "dangling valency" or is a carbanion is not a compound contemplated by the invention.

The term "substituted" means that any one or more hydrogens on an atom of a group or moiety, whether specifically designated or not, is replaced with a selection from the indicated group of substituents, provided that the atom's normal valency is not exceeded and that the substitution results in a stable compound. If a bond to a substituent is shown to cross the bond connecting two atoms in a ring, then such substituent may be bonded to any atom on the ring. When a substituent is listed without indicating the atom via which such substituent is bonded to the rest of the compound, then such substituent may be bonded via any atom in such substituent. For example, when the substituent is piperazinyl, piperidinyl, or tetrazolyl, unless specified otherwise, such piperazinyl, piperidinyl, or tetrazolyl group may be bonded to the rest of the compound of the invention via any atom in such piperazinyl, piperidinyl, or tetrazolyl group. Generally, when any substituent or group occurs more than one time in any constituent or compound, its definition on each occurrence is independent of its definition at every other occurrence. Thus, for example, if a group is shown to be substituted with 0 to 2 R^5, then such

group is optionally substituted with up to two R^5 groups and R^5 at each occurrence is selected independently from the defined list of possible R^5. Such combinations of substituents and/or variables, however, are permissible only if such combinations result in stable compounds.

In a specific embodiment, the term "about" or "approximately" means within 20%, preferably within 10%, and more preferably within 5% of a given value or range.

The yield of each of the reactions described herein is expressed as a percentage of the theoretical yield.

B. Salt, Prodrug, Derivative, and Solvate Terms and Conventions

The terms "prodrug" or "prodrug derivative" mean a covalently-bonded derivative or carrier of the parent compound or active drug substance which undergoes at least some biotransformation prior to exhibiting its pharmacological effect(s). In general, such prodrugs have metabolically cleavable groups and are rapidly transformed *in vivo* to yield the parent compound, for example, by hydrolysis in blood, and generally include esters and amide analogs of the parent compounds. The prodrug is formulated with the objectives of improved chemical stability, improved patient acceptance and compliance, improved bioavailability, prolonged duration of action, improved organ selectivity, improved formulation (e.g., increased hydrosolubility), and/or decreased side effects (e.g., toxicity). In general, prodrugs themselves have weak or no biological activity and are stable under ordinary conditions. Prodrugs can be readily prepared from the parent compounds using methods known in the art, such as those described in A Textbook of Drug Design and Development, Krogsgaard-Larsen and H. Bundgaard (eds.), Gordon & Breach, 1991, particularly Chapter 5: "Design and Applications of Prodrugs"; Design of Prodrugs, H. Bundgaard (ed.), Elsevier, 1985; Prodrugs: Topical and Ocular Drug Delivery, K.B. Sloan (ed.), Marcel Dekker, 1998; Methods in Enzymology, K. Widder *et al.* (eds.), Vol. 42, Academic Press, 1985, particularly pp. 309-396; Burger's Medicinal Chemistry and Drug Discovery, 5th Ed., M. Wolff (ed.), John Wiley & Sons, 1995, particularly Vol. 1 and pp. 172-178 and pp. 949-982; Pro-Drugs as Novel Delivery Systems, T. Higuchi and V. Stella (eds.), Am. Chem. Soc., 1975; Bioreversible Carriers in Drug Design, E.B. Roche (ed.), Elsevier, 1987, each of which is incorporated herein by reference in their entireties.

The term "pharmaceutically acceptable prodrug" as used herein means a prodrug of a compound of the invention which is, within the scope of sound medical judgment, suitable for use in contact with the tissues of humans and lower animals without undue toxicity, irritation, allergic response, and the like, commensurate with a reasonable benefit/risk ratio, and effective for their intended use, as well as the zwitterionic forms, where possible.

The term "salt" means an ionic form of the parent compound or the product of the reaction between the parent compound with a suitable acid or base to make the acid salt or base salt of the parent compound. Salts of the compounds of the present invention can be synthesized from the parent compounds which contain a basic or acidic moiety by conventional chemical methods. Generally, the salts are prepared by reacting the free base or acid parent compound with stoichiometric amounts or with an excess of the desired salt-forming inorganic or organic acid or base in a suitable solvent or various combinations of solvents.

The term "pharmaceutically acceptable salt" means a salt of a compound of the invention which is, within the scope of sound medical judgment, suitable for use in contact with the tissues of humans and lower animals without undue toxicity, irritation, allergic response, and the like, commensurate with a reasonable benefit/risk ratio, generally water or oil-soluble or dispersible, and effective for their intended use. The term includes pharmaceutically-acceptable acid addition salts and pharmaceutically-acceptable base addition salts. As the compounds of the present invention are useful in both free base and salt form, in practice, the use of the salt form amounts to use of the base form. Lists of suitable salts are found in, e.g., S.M. Birge *et al.*, J. Pharm. Sci., 1977, 66, pp. 1-19, which is hereby incorporated by reference in its entirety.

The term "pharmaceutically-acceptable acid addition salt" means those salts which retain the biological effectiveness and properties of the free bases and which are not biologically or otherwise undesirable, formed with inorganic acids such as hydrochloric acid, hydrobromic acid, hydroiodic acid, sulfuric acid, sulfamic acid, nitric acid, phosphoric acid, and the like, and organic acids such as acetic acid, trichloroacetic acid, trifluoroacetic acid, adipic acid, alginic acid, ascorbic acid, aspartic acid, benzenesulfonic acid, benzoic acid, 2-acetoxybenzoic acid, butyric acid, camphoric acid, camphorsulfonic acid, cinnamic acid, citric acid, digluconic acid, ethanesulfonic acid, glutamic acid, glycolic acid, glycerophosphoric acid, hemisulfic acid,

heptanoic acid, hexanoic acid, formic acid, fumaric acid, 2-hydroxyethanesulfonic acid (isethionic acid), lactic acid, maleic acid, hydroxymaleic acid, malic acid, malonic acid, mandelic acid, mesitylenesulfonic acid, methanesulfonic acid, naphthalenesulfonic acid, nicotinic acid, 2-naphthalenesulfonic acid, oxalic acid, pamoic acid, pectinic acid, phenylacetic acid, 3-phenylpropionic acid, picric acid, pivalic acid, propionic acid, pyruvic acid, pyruvic acid, salicylic acid, stearic acid, succinic acid, sulfanilic acid, tartaric acid, *p*-toluenesulfonic acid, undecanoic acid, and the like.

The term "pharmaceutically-acceptable base addition salt" means those salts which retain the biological effectiveness and properties of the free acids and which are not biologically or otherwise undesirable, formed with inorganic bases such as ammonia or hydroxide, carbonate, or bicarbonate of ammonium or a metal cation such as sodium, potassium, lithium, calcium, magnesium, iron, zinc, copper, manganese, aluminum, and the like. Particularly preferred are the ammonium, potassium, sodium, calcium, and magnesium salts. Salts derived from pharmaceutically-acceptable organic nontoxic bases include salts of primary, secondary, and tertiary amines, quaternary amine compounds, substituted amines including naturally occurring substituted amines, cyclic amines and basic ion-exchange resins, such as methylamine, dimethylamine, trimethylamine, ethylamine, diethylamine, triethylamine, isopropylamine, tripropylamine, tributylamine, ethanolamine, diethanolamine, 2-dimethylaminoethanol, 2-diethylaminoethanol, dicyclohexylamine, lysine, arginine, histidine, caffeine, hydrabamine, choline, betaine, ethylenediamine, glucosamine, methylglucamine, theobromine, purines, piperazine, piperidine, *N*-ethylpiperidine, tetramethylammonium compounds, tetraethylammonium compounds, pyridine, *N,N*-dimethylaniline, *N*-methylpiperidine, *N*-methylmorpholine, dicyclohexylamine, dibenzylamine, *N,N*-dibenzylphenethylamine, 1-ephenamine, *N,N'*-dibenzylethylenediamine, polyamine resins, and the like. Particularly preferred organic nontoxic bases are isopropylamine, diethylamine, ethanolamine, trimethylamine, dicyclohexylamine, choline, and caffeine.

The term "solvate" means a physical association of a compound with one or more solvent molecules or a complex of variable stoichiometry formed by a solute (for example, a compound of Formula (I)) and a solvent, for example, water, ethanol, or acetic acid. This physical association may involve varying degrees of ionic and covalent bonding, including hydrogen

bonding. In certain instances, the solvate will be capable of isolation, for example, when one or more solvent molecules are incorporated in the crystal lattice of the crystalline solid. In general, the solvents selected do not interfere with the biological activity of the solute. Solvates encompasses both solution-phase and isolatable solvates. Representative solvates include hydrates, ethanolates, methanolates, and the like.

The term "hydrate" means a solvate wherein the solvent molecule(s) is/are H_2O.

The compounds of the present invention as discussed below include the free base or acid thereof, their salts, solvates, and prodrugs and may include oxidized sulfur atoms or quaternized nitrogen atoms in their structure, although not explicitly stated or shown, particularly the pharmaceutically acceptable forms thereof. Such forms, particularly the pharmaceutically acceptable forms, are intended to be embraced by the appended claims.

C. Isomer Terms and Conventions

The term "isomers" means compounds having the same number and kind of atoms, and hence the same molecular weight, but differing with respect to the arrangement or configuration of the atoms in space. The term includes stereoisomers and geometric isomers.

The terms "stereoisomer" or "optical isomer" mean a stable isomer that has at least one chiral atom or restricted rotation giving rise to perpendicular dissymmetric planes (e.g., certain biphenyls, allenes, and spiro compounds) and can rotate plane-polarized light. Because asymmetric centers and other chemical structure exist in the compounds of the invention which may give rise to stereoisomerism, the invention contemplates stereoisomers and mixtures thereof. The compounds of the invention and their salts include asymmetric carbon atoms and may therefore exist as single stereoisomers, racemates, and as mixtures of enantiomers and diastereomers. Typically, such compounds will be prepared as a racemic mixture. If desired, however, such compounds can be prepared or isolated as pure stereoisomers, i.e., as individual enantiomers or diastereomers, or as stereoisomer-enriched mixtures. As discussed in more detail below, individual stereoisomers of compounds are prepared by synthesis from optically active starting materials containing the desired chiral centers or by preparation of mixtures of enantiomeric products followed by separation or resolution, such as conversion to a mixture of

diastereomers followed by separation or recrystallization, chromatographic techniques, use of chiral resolving agents, or direct separation of the enantiomers on chiral chromatographic columns. Starting compounds of particular stereochemistry are either commercially available or are made by the methods described below and resolved by techniques well-known in the art.

The term "enantiomers" means a pair of stereoisomers that are non-superimposable mirror images of each other.

The terms "diastereoisomers" or "diastereomers" mean optical isomers which are not mirror images of each other.

The terms "racemic mixture" or "racemate" mean a mixture containing equal parts of individual enantiomers.

The term "non-racemic mixture" means a mixture containing unequal parts of individual enantiomers.

The term "geometrical isomer" means a stable isomer which results from restricted freedom of rotation about double bonds (e.g., *cis*-2-butene and *trans*-2-butene) or in a cyclic structure (e.g., *cis*-1,3-dichlorocyclobutane and *trans*-1,3-dichlorocyclobutane). Because carbon-carbon double (olefinic) bonds, C=N double bonds, cyclic structures, and the like may be present in the compounds of the invention, the invention contemplates each of the various stable geometric isomers and mixtures thereof resulting from the arrangement of substituents around these double bonds and in these cyclic structures. The substituents and the isomers are designated using the *cis/trans* convention or using the *E* or *Z* system, wherein the term "*E*" means higher order substituents on opposite sides of the double bond, and the term "*Z*" means higher order substituents on the same side of the double bond. A thorough discussion of *E* and *Z* isomerism is provided in J. March, Advanced Organic Chemistry: Reactions, Mechanisms, and Structure, 4th ed., John Wiley & Sons, 1992, which is hereby incorporated by reference in its entirety. Several of the following examples represent single *E* isomers, single *Z* isomers, and mixtures of *E/Z* isomers. Determination of the *E* and *Z* isomers can be done by analytical methods such as x-ray crystallography, ^{1}H NMR, and ^{13}C NMR.

Some of the compounds of the invention can exist in more than one tautomeric form. As mentioned above, the compounds of the invention include all such tautomers.

It is well-known in the art that the biological and pharmacological activity of a compound is sensitive to the stereochemistry of the compound. Thus, for example, enantiomers often exhibit strikingly different biological activity including differences in pharmacokinetic properties, including metabolism, protein binding, and the like, and pharmacological properties, including the type of activity displayed, the degree of activity, toxicity, and the like. Thus, one skilled in the art will appreciate that one enantiomer may be more active or may exhibit beneficial effects when enriched relative to the other enantiomer or when separated from the other enantiomer. Additionally, one skilled in the art would know how to separate, enrich, or selectively prepare the enantiomers of the compounds of the invention from this disclosure and the knowledge of the prior art.

Thus, although the racemic form of drug may be used, it is often less effective than administering an equal amount of enantiomerically pure drug; indeed, in some cases, one enantiomer may be pharmacologically inactive and would merely serve as a simple diluent. For example, although ibuprofen had been previously administered as a racemate, it has been shown that only the *S*-isomer of ibuprofen is effective as an anti-inflammatory agent (in the case of ibuprofen, however, although the *R*-isomer is inactive, it is converted *in vivo* to the *S*-isomer, thus, the rapidity of action of the racemic form of the drug is less than that of the pure *S*-isomer). Furthermore, the pharmacological activities of enantiomers may have distinct biological activity. For example, *S*-penicillamine is a therapeutic agent for chronic arthritis, while *R*-penicillamine is toxic. Indeed, some purified enantiomers have advantages over the racemates, as it has been reported that purified individual isomers have faster transdermal penetration rates compared to the racemic mixture. See U.S. Pat. Nos. 5,114,946 and 4,818,541.

Thus, if one enantiomer is pharmacologically more active, less toxic, or has a preferred disposition in the body than the other enantiomer, it would be therapeutically more beneficial to administer that enantiomer preferentially. In this way, the patient undergoing treatment would

be exposed to a lower total dose of the drug and to a lower dose of an enantiomer that is possibly toxic or an inhibitor of the other enantiomer.

Preparation of pure enantiomers or mixtures of desired enantiomeric excess (ee) or enantiomeric purity are accomplished by one or more of the many methods of (a) separation or resolution of enantiomers, or (b) enantioselective synthesis known to those of skill in the art, or a combination thereof. These resolution methods generally rely on chiral recognition and include, for example, chromatography using chiral stationary phases, enantioselective host-guest complexation, resolution or synthesis using chiral auxiliaries, enantioselective synthesis, enzymatic and nonenzymatic kinetic resolution, or spontaneous enantioselective crystallization. Such methods are disclosed generally in Chiral Separation Techniques: A Practical Approach (2nd Ed.), G. Subramanian (ed.), Wiley-VCH, 2000; T.E. Beesley and R.P.W. Scott, Chiral Chromatography, John Wiley & Sons, 1999; and Satinder Ahuja, Chiral Separations by Chromatography, Am. Chem. Soc., 2000. Furthermore, there are equally well-known methods for the quantitation of enantiomeric excess or purity, for example, GC, HPLC, CE, or NMR, and assignment of absolute configuration and conformation, for example, CD ORD, X-ray crystallography, or NMR.

In general, all tautomeric forms and isomeric forms and mixtures, whether individual geometric isomers or stereoisomers or racemic or non-racemic mixtures, of a chemical structure or compound is intended, unless the specific stereochemistry or isomeric form is specifically indicated in the compound name or structure.

D. Pharmaceutical Administration and Diagnostic and Treatment Terms and Conventions

The term "patient" includes both human and non-human mammals.

The term "effective amount" means an amount of a compound according to the invention which, in the context of which it is administered or used, is sufficient to achieve the desired effect or result. Depending on the context, the term effective amount may include or be synonymous with a pharmaceutically effective amount or a diagnostically effective amount.

The terms "pharmaceutically effective amount" or "therapeutically effective amount" means an amount of a compound according to the invention which, when administered to a patient in need thereof, is sufficient to effect treatment for disease-states, conditions, or disorders for which the compounds have utility. Such an amount would be sufficient to elicit the biological or medical response of a tissue, system, or patient that is sought by a researcher or clinician. The amount of a compound of according to the invention which constitutes a therapeutically effective amount will vary depending on such factors as the compound and its biological activity, the composition used for administration, the time of administration, the route of administration, the rate of excretion of the compound, the duration of treatment, the type of disease-state or disorder being treated and its severity, drugs used in combination with or coincidentally with the compounds of the invention, and the age, body weight, general health, sex, and diet of the patient. Such a therapeutically effective amount can be determined routinely by one of ordinary skill in the art having regard to their own knowledge, the prior art, and this disclosure.

The term "diagnostically effective amount" means an amount of a compound according to the invention which, when used in a diagnostic method, apparatus, or assay, is sufficient to achieve the desired diagnostic effect or the desired biological activity necessary for the diagnostic method, apparatus, or assay. Such an amount would be sufficient to elicit the biological or medical response in a diagnostic method, apparatus, or assay, which may include a biological or medical response in a patient or in a *in vitro* or *in vivo* tissue or system, that is sought by a researcher or clinician. The amount of a compound according to the invention which constitutes a diagnostically effective amount will vary depending on such factors as the compound and its biological activity, the diagnostic method, apparatus, or assay used, the composition used for administration, the time of administration, the route of administration, the rate of excretion of the compound, the duration of administration, drugs and other compounds used in combination with or coincidentally with the compounds of the invention, and, if a patient is the subject of the diagnostic administration, the age, body weight, general health, sex, and diet of the patient. Such a diagnostically effective amount can be determined routinely by one of ordinary skill in the art having regard to their own knowledge, the prior art, and this disclosure.

The term "modulate" means the ability of a compound to alter the function of the glucocorticoid receptor by, for example, binding to and stimulating or inhibiting the glucocorticoid receptor functional responses.

The term "modulator" in the context of describing compounds according to the invention means a compound that modulates the glucocorticoid receptor function. As such, modulators include, but are not limited to, agonists, partial agonists, antagonists, and partial antagonists.

The term "agonist" in the context of describing compounds according to the invention means a compound that, when bound to the glucocorticoid receptor, enhances or increases the glucocorticoid receptor function. As such, agonists include partial agonists and full agonists.

The term "full agonist" in the context of describing compounds according to the invention means a compound that evokes the maximal stimulatory response from the glucocorticoid receptor, even when there are spare (unoccupied) glucocorticoid receptors present.

The term "partial agonist" in the context of describing compounds according to the invention means a compound that is unable to evoke the maximal stimulatory response from the glucocorticoid receptor, even at concentrations sufficient to saturate the glucocorticoid receptors present.

The term "antagonist" in the context of describing compounds according to the invention means a compound that directly or indirectly inhibits or suppresses the glucocorticoid receptor function. As such, antagonists include partial antagonists and full antagonists.

The term "full antagonist" in the context of describing compounds according to the invention means a compound that evokes the maximal inhibitory response from the glucocorticoid receptor, even when there are spare (unoccupied) glucocorticoid receptors present.

The term "partial antagonist" in the context of describing compounds according to the invention means a compound that is unable to evoke the maximal inhibitory response from the

glucocorticoid receptor, even at concentrations sufficient to saturate the glucocorticoid receptors present.

The terms "treating" or "treatment" mean the treatment of a disease-state in a patient, and include:

(i) preventing the disease-state from occurring in a patient, in particular, when such patient is genetically or otherwise predisposed to the disease-state but has not yet been diagnosed as having it;

(ii) inhibiting or ameliorating the disease-state in a patient, i.e., arresting or slowing its development; or

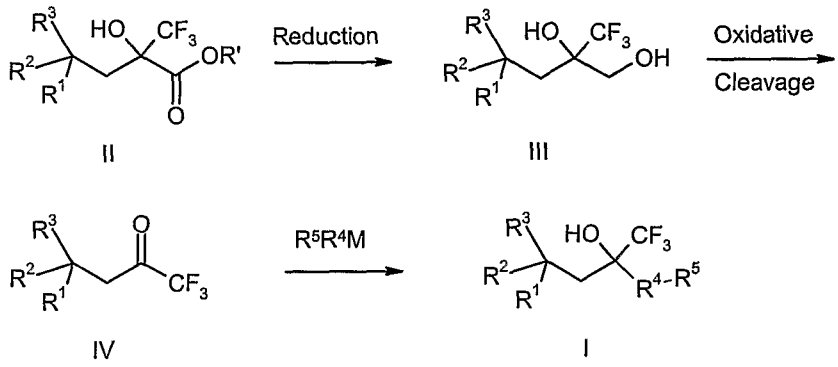
(iii) relieving the disease-state in a patient, i.e., causing regression or cure of the disease-state.

General Synthetic Methods for Making Compounds of Formula (IA) and Formula (IB)

The invention also provides processes for making compounds of Formula (IA) and Formula (IB). In all schemes, unless specified otherwise, R^1 to R^5 in the formulas below shall have the meaning of R^1 to R^5 in the Formula (IA) of the invention described hereinabove; and where appropriate, R^1 to R^6 in the formulas below shall have the meaning of R^1 to R^6 in the Formula (IB) of the invention described hereinabove. Intermediates used in the preparation of compounds of the invention are either commercially available or readily prepared by methods known to those skilled in the art.

Optimum reaction conditions and reaction times may vary depending on the particular reactants used. Unless otherwise specified, solvents, temperatures, pressures, and other reaction conditions may be readily selected by one of ordinary skill in the art. Specific procedures are provided in the Experimental Examples section. Typically, reaction progress may be monitored by thin layer chromatography (TLC), if desired, and intermediates and products may be purified by chromatography on silica gel and/or by recrystallization.

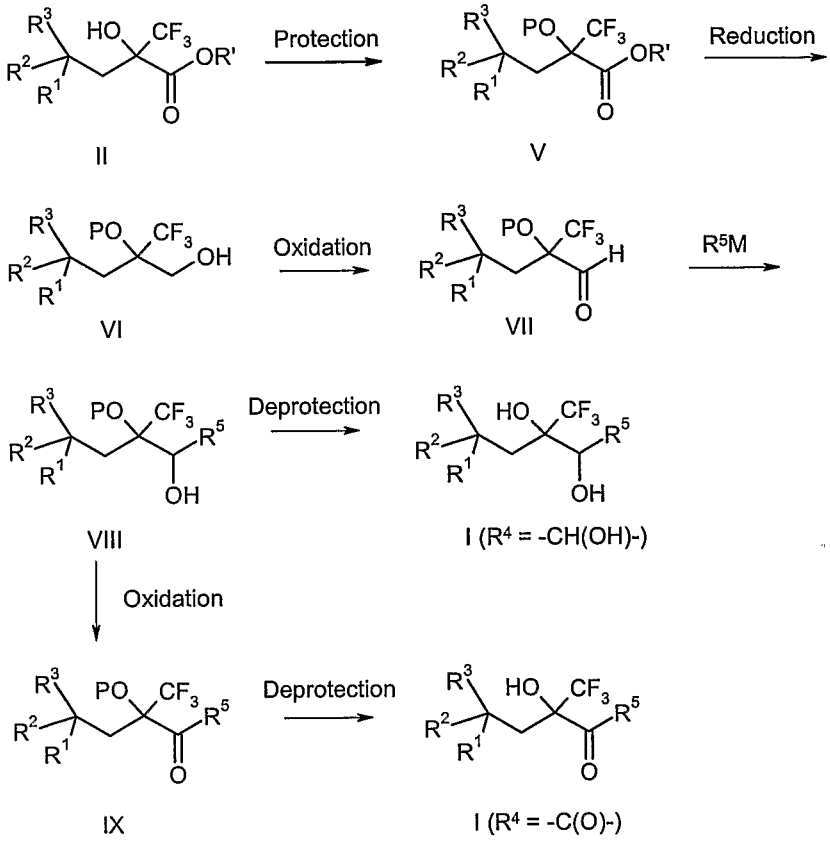
Compounds of Formula (I) may be prepared by the method outlined in Scheme I.



Scheme I

As illustrated in Scheme I, an ester intermediate of Formula (II) where R' is Me or Et, is reduced with a suitable reducing agent, such as lithium aluminum hydride, in a suitable solvent, such as THF or diethyl ether, to produce the 1,2-diol of Formula (III). Oxidative cleavage of 1,2-diols is well-known in the art and may be achieved with periodic acid or lead tetraacetate, for example, in a suitable solvent, such as methanol, to provide the ketone (IV). Reaction of ketone (IV) with a suitable organometallic reagent R^5R^4M, such as a Grignard reagent (M is MgBr or MgCl) or an organolithium reagent (M is Li), in a suitable solvent such as THF or diethyl ether provides the desired compound of Formula (I). Such organolithium reagents and alkylmagnesium halides or Grignard reagents are well-known in the art, for example, Grignard reagents are easily prepared by reacting the corresponding alkyl halide with magnesium metal in a suitable solvent, such as ether or THF, under anhydrous conditions.

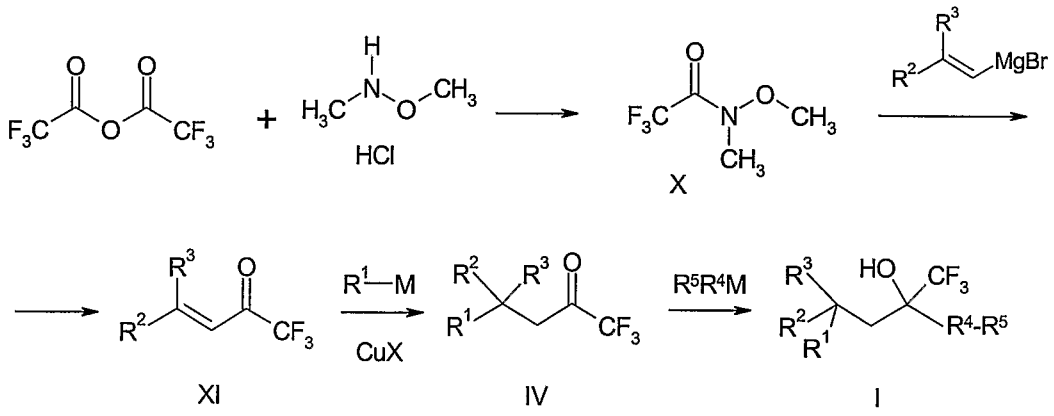
Scheme II outlines another approach that may be used to obtain compounds of Formula (I).



Scheme II

In Scheme II, the hydroxyl function on intermediate (II) is protected to provide ester (V). Hydroxyl protecting groups are well-known in the art, an example of a suitable protecting group is a methoxymethyl ether. Reduction of the ester (V) with a suitable reducing agent such as lithium aluminum hydride provides alcohol (VI). Oxidation of alcohol (VI) with an oxidizing agent such as pyridinium chlorochromate (PCC) provides aldehyde (VII). Treatment of aldehyde (VII) with a suitable organometallic reagent R^5M where M is Li or MgX, and X is Cl, Br, or I, that is, an organolithium reagent or Grignard reagent or alkylmagnesium halide bearing R^5, provides alcohol (VIII). Deprotection by standard methods, which would depend on the protecting group used, gives the desired compound of Formula (I) where R^4 is -CH(OH)-. Oxidation of alcohol (VIII) to (IX) with an oxidizing agent such as PCC or 1,1,1-triacetoxy-1,1-dihydro-1,2-benziodoxol-3(1*H*)-one, followed by deprotection provides the desired compound of Formula (I) where R^4 is -C(O)-.

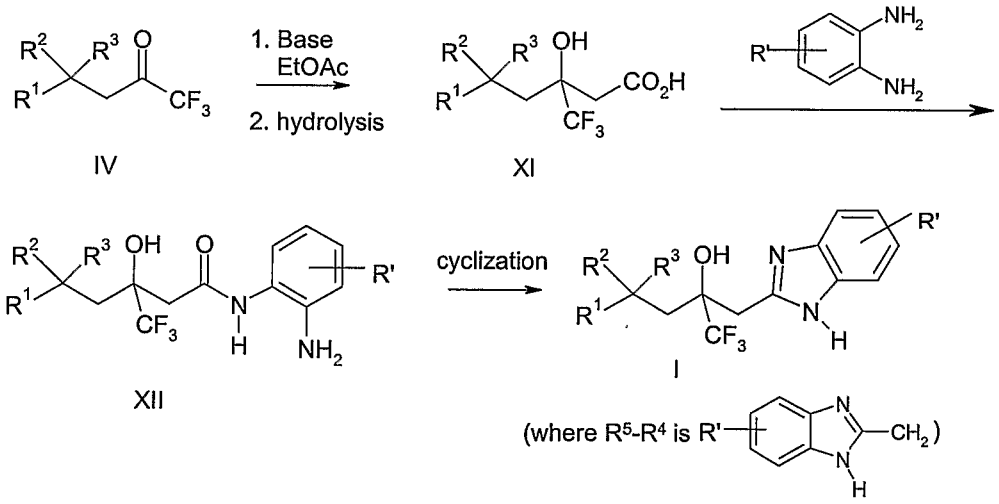
Compounds of Formula (I) may also be prepared by the method outlined in Scheme III.



Scheme III

In this approach, trifluoroacetic anhydride and *N,O*-dimethylhydroxylamine hydrochloride are coupled under basic conditions to afford trifluoroacetamide (X) (Weinreb amide). The Weinreb amide (X) is reacted with a vinyl magnesium bromide bearing R^2 and R^3 to afford the trifluoromethylenone intermediate (XI). The trifluoromethylenone intermediate (XI) is treated with an organocopper reagent, derived from a Grignard or organolithium reagent by treating with a copper salt, to afford the 1,4-addition product (IV). This trifluoro ketone intermediate (IV) is reacted with an organometallic reagent R^4R^5M (as described in Scheme I) to afford the desired compound of Formula (I).

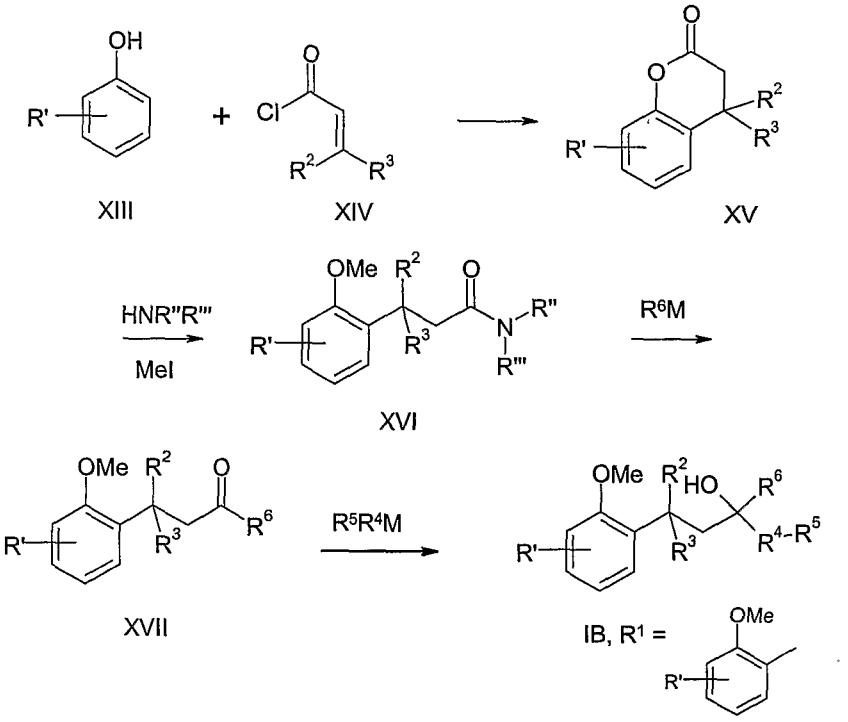
Compounds of Formula (I) in which R^4-R^5 is an optionally substituted benzimidazol-2-ylmethyl group may also be prepared by the procedure outlined in Scheme IV.



Scheme IV

As illustrated in Scheme IV, trifluoromethyl ketone (IV) is reacted with ethyl acetate in the presence of a strong base such as lithium diisopropylamide (LDA) in a suitable solvent such as THF. The intermediate ester is hydrolyzed, for example, by treatment with aqueous base, to provide carboxylic acid intermediate (XII). This carboxylic acid intermediate (XII) is then coupled with an optionally substituted *o*-phenylenediamine under standard coupling conditions known in the art, for example, by treatment with 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide (EDC) in the presence of 1-hydroxybenzotriazole in a suitable solvent such as DMF, to provide compound (XIII). Ring closure by methods known in the art, for example, acid catalyzed ring closure by treatment with polyphosphoric acid, provides the desired compound of Formula (I).

Compounds of Formula (IB) may be prepared by the procedure illustrated in Scheme V.

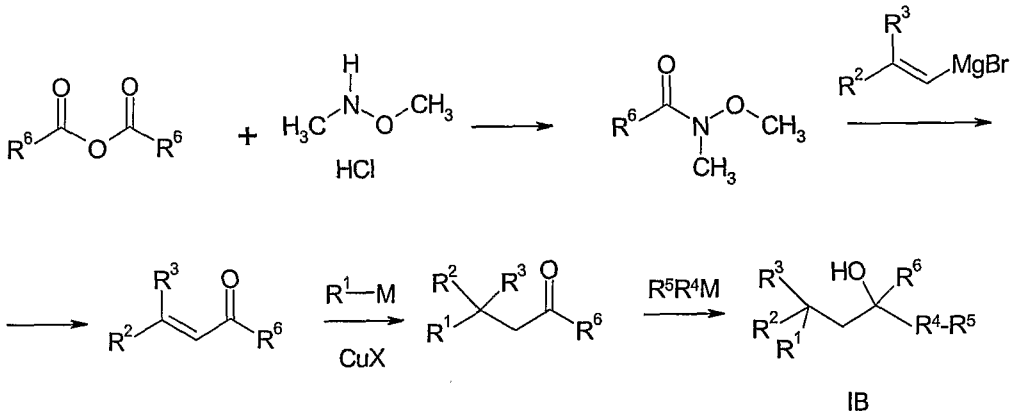


Scheme V

In Scheme V, substituted phenol (XIV) is reacted with an acryloyl chloride bearing R^2 and R^3 (XV) in the presence of a suitable base, such as triethylamine, to provide an intermediate ester which is cyclized by treatment with a Lewis acid, such as aluminum trichloride, in a suitable solvent, such as carbon disulfide, to provide lactone (XVI). The lactone (XVI) is treated with a

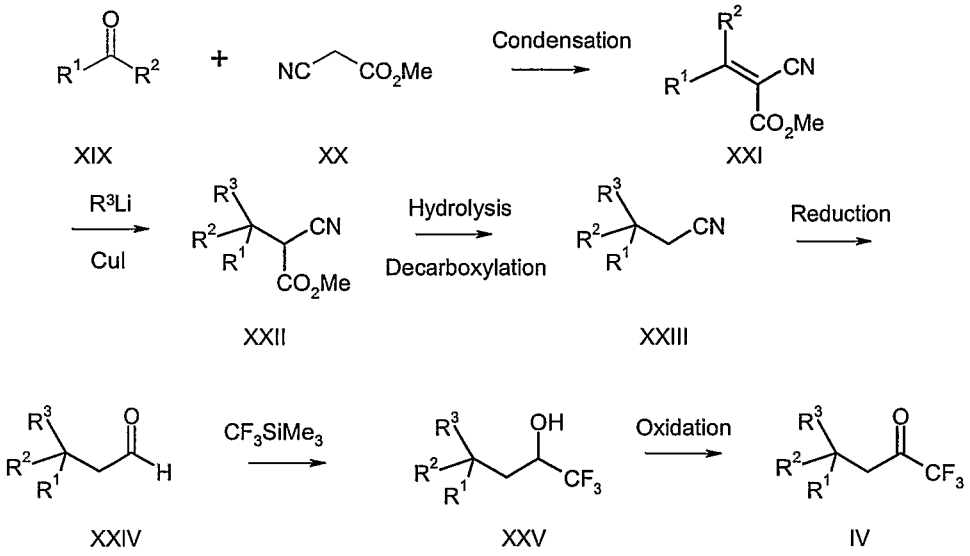
suitable amine HNR''R''', such as morpholine, such that in the resulting amide (XVII), -NR''R''' will function as a leaving group in the subsequent reaction. The intermediate phenol that forms is protected, for example, by reaction with methyl iodide in the presence of a suitable base such as potassium hydroxide to form the protected phenol (XVII), in this case having a methoxy group. The amide is then reacted with an organometallic reagent (R^6M), such as a Grignard reagent (M is MgBr or MgCl) or an organolithium reagent (M is Li), in a suitable solvent, such as THF or diethyl ether, to provide the ketone (XVIII). Reaction of the ketone (XVIII) with R^5R^4M as described in the last step in Scheme I provides the desired compound of Formula (IB) where R^1 is an optionally substituted methoxyphenyl group.

In a more general procedure, suitable for a variety of R^1, one may use a method analogous to that described in Scheme III. As illustrated in Scheme VI, using a Weinreb amide bearing R^6 one may employ the method described in Scheme III to prepare the desired compound of Formula (IB).



Scheme VI

An alternative method to prepare intermediate (IV), used in the methods illustrated in Schemes I-IV, is illustrated in Scheme VII.



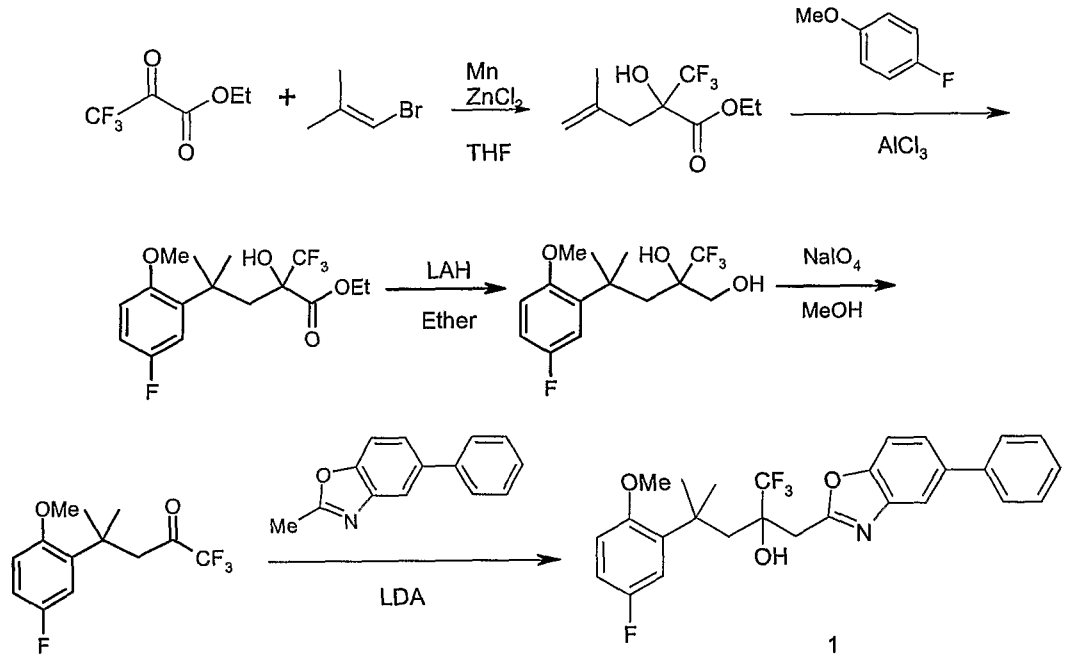
Scheme VII

In Scheme VII, a ketone bearing R^1 and R^2 (XIX) is reacted with a cyanoacetic acid ester, such as the methyl ester (XX) under condensation conditions known in the art to provide the olefin (XXI). Reaction of olefin (XXI) with R^3Li in the presence of a copper salt such as CuI provides compound (XXII). Hydrolysis and decarboxylation of compound (XXII) results in nitrile (XXIII). Reduction of nitrile (XXIII), for example, by treatment with diisobutylaluminum hydride (DIBAL), provides aldehyde (XXIV). Treatment of aldehyde (XXIV) with trimethyl(trifluoromethyl)silane in the presence of an ammonium salt such as tetrabutylammonium fluoride provides alcohol (XXV). Oxidation of alcohol (XXV) by methods known in the art, such as by treatment with the Dess-Martin periodinane, provides compound (IV).

In order that this invention be more fully understood, the following examples are set forth. These examples are for the purpose of illustrating embodiments of this invention, and are not to be construed as limiting the scope of the invention in any way since, as recognized by one skilled in the art, particular reagents or conditions could be modified as needed for individual compounds. Starting materials used are either commercially available or easily prepared from commercially available materials by those skilled in the art.

Experimental Examples

Example 1: Synthesis of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-phenylbenzoxazol-2-ylmethyl)pentan-2-ol



To a mixture of 8.5 g (49.9 mmol) of ethyl trifluoromethylpyruvate, 6.6 g (120 mmol) of manganese, and 0.65 g (4.8 mmol) of zinc chloride in 40 mL of THF warmed to reflux was added 200 µL (2 mmol) of 1-bromo-2-methylpropene. After 30 minutes, 9.13 mL (90.5 mmol) of 1-bromo-2-methylpropene in 30 mL of THF was added dropwise over a 1 hour period. The mixture was refluxed for 1 hour after the addition and was then cooled to 0°C and diluted with 150 mL of saturated aqueous ammonium chloride and 100 mL of EtOAc. The organic phase was separated and the aqueous layer extracted with three 100 mL portions of EtOAc. The combined organic layers were washed with two 50 mL portions of saturated aqueous ammonium chloride, followed by two 50 mL portions of brine, dried over magnesium sulfate ($MgSO_4$), filtered, and concentrated *in vacuo*. The crude residue was purified by silica gel chromatography eluting with EtOAc-hexanes (5:95) to afford 5.9 g (52%) of 2-hydroxy-4-methyl-2-trifluoromethylpent-4-enoic acid ethyl ester.

To a mixture of 5.9 g (26.1 mmol) of the above 2-hydroxy-4-methyl-2-trifluoromethylpent-4-enoic acid ethyl ester in 30 mL of 4-fluoroanisole was added in several portions 5.2 g (39.4 mmol) of aluminum chloride. The mixture became exothermic and turned black with the first

addition and was cooled with an ice-water bath. The mixture was stirred for 3 days and was then poured into 200 mL of ice-cold 1 N aqueous HCl and extracted with three 150 mL portions of EtOAc. The combined organic layers were washed with 50 mL of 1 N aqueous hydrochloric acid, three 50 mL portions of brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The crude residue was purified by silica gel chromatography eluting with EtOAc-hexanes (1:9, then 2:8, then 3:7, then 4:6) to afford 6.6 g (71%) of 4-(5-fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentanoic acid ethyl ester.

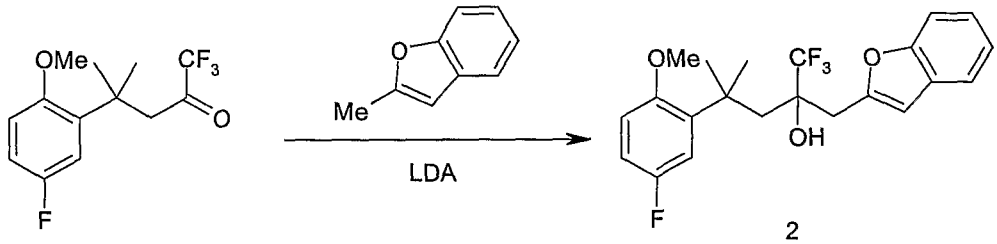
To a chilled solution (ice-water bath) of 6 g (17.0 mmol) of the above 4-(5-fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentanoic acid ethyl ester in 60 mL of dry THF, 2.4 g (61.5 mmol) of lithium aluminum hydride was added in portions. After the addition, the cold bath was removed and the mixture was stirred at room temperature overnight. The mixture was then warmed to reflux for 3 hour and then cautiously quenched by slow addition to 100 mL of THF containing 2 mL of water. Additional water was then cautiously added for a total of 15 mL and the resulting mixture stirred for 2 hours. The excess water was dried over magnesium sulfate and 300 mL of EtOAc was added. After 1 hour, the mixture was filtered through diatomaceous earth and concentrated *in vacuo* to afford 4.9 g (92%) of 4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-trifluoromethylpentane-1,2-diol as an oil.

To a solution of 4.9 g (15.8 mmol) of the above 4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-trifluoromethylpentane-1,2-diol in 100 mL of MeOH was added 10 g (45.9 mmol) of sodium periodate. The mixture was stirred for 4 hours and was then diluted with 100 mL of ether and 100 mL of hexanes, filtered through diatomaceous earth, and concentrated *in vacuo*. The crude residue was dissolved in hexanes and passed through a pad of silica gel eluting first with hexanes then with EtOAc-hexanes (2:98, then 4:96) to afford 3.85 g (87%) of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one as a clear oil.

n-Butyl lithium (0.246 mL, 1.6 M in hexanes) was added to a solution of diisopropyl amine (0.055 mL, 0.45 mmol) in anhydrous THF (5 mL) at 0°C. The reaction mixture was cooled to -78°C and stirred for 15 minutes. 2-Methyl-5-phenyl benzoxazole (75 mg, 0.4 mmol) dissolved in anhydrous THF (2 mL) was added to this mixture dropwise. After the addition, the reaction mixture was stirred for 15 to 30 minutes. 1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-

methylpentan-2-one (100 mg, 0.4 mmol) was added as a solution in anhydrous THF (2 mL) in one portion, the cold bath was removed and the reaction was stirred at room temperature for 12 hours. THF was evaporated under reduced pressure. Water (2 mL) was added to the residue and the mixture was extracted with three 5 mL portions of EtOAc. The extract was dried over magnesium sulfate. After evaporation, the residue was chromatographed on a silica gel column to provide 150 mg of the title compound as white crystals, m.p. 103°C-104°C.

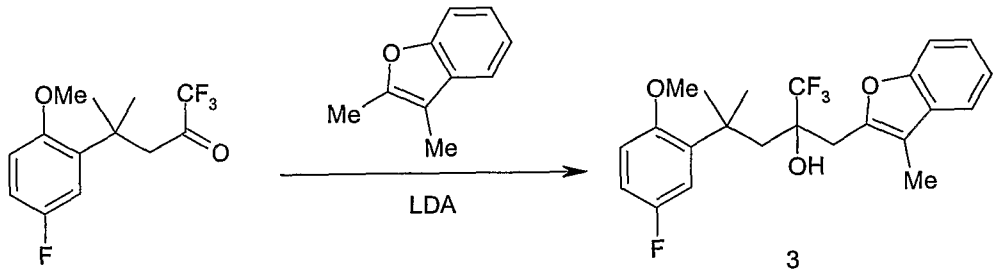
Example 2: Synthesis of 2-benzoxazol-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol



2

n-Butyl lithium (0.246 mL, 1.6 M in hexanes) was added to a solution of diisopropyl amine (0.055 mL, 0.45 mmol) in anhydrous THF (5 mL) at 0°C. The reaction mixture was cooled to -78°C and stirred for 15 minutes. A solution of 2-methylbenzofuran (48 mg, 0.4 mmol) in 2 mL anhydrous THF was added dropwise to this mixture. After the addition, the reaction mixture was stirred for 15 to 30 minutes. 1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (100 mg, 0.4 mmol) (Example 1) was added as a solution in anhydrous THF (2 mL) in one portion, the cold bath was removed, and the reaction was stirred at room temperature for 12 hours. THF was evaporated under reduced pressure. Water (2 mL) was added to the residue and the mixture was extracted with three 5 mL portions of EtOAc. The extract was dried over magnesium sulfate. After evaporation, the residue was chromatographed on a silica gel column to provide 86 mg of the title compound as an oil.

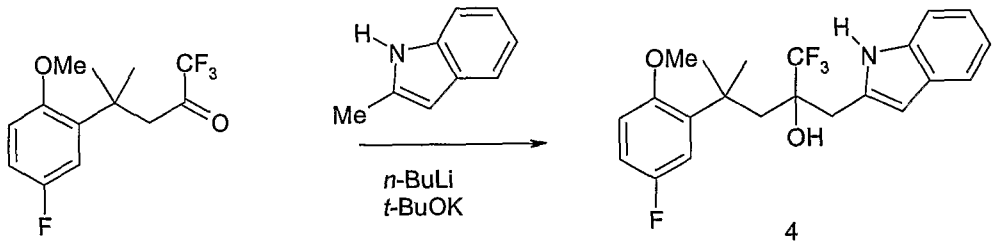
Example 3: Synthesis of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methylbenzofuran-2-ylmethyl)pentan-2-ol



3

n-Butyl lithium (0.246 mL, 1.6 M in hexanes) was added to a solution of diisopropyl amine (0.055 mL, 0.45 mmol) in anhydrous THF (5 mL) at 0°C. The reaction mixture was cooled to -78°C and stirred for 15 minutes. A solution of 2,3-dimethylbenzofuran (48 mg, 0.4 mmol) in 2 mL anhydrous THF was added dropwise to this mixture. After the addition, the reaction mixture was stirred for 15 to 30 minutes. 1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (100 mg, 0.4 mmol) (Example 1) was added as a solution in anhydrous THF (2 mL) in one portion, the cold bath was removed, and the reaction was stirred at room temperature for 12 hours. THF was evaporated under reduced pressure. Water (2 mL) was added to the residue and the mixture was extracted with three 5 mL portions of EtOAc. The extract was dried over magnesium sulfate. After evaporation, the residue was chromatographed on a silica gel column to provide 80 mg of the title compound as an oil.

Example 4: Synthesis of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol

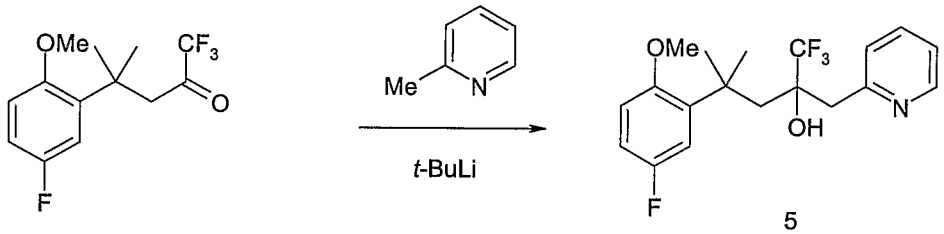


4

n-Butyl lithium (0.673 mL, 1.6 M in hexanes) followed by potassium *tert*-butoxide (81 mg, 0.718 mmol) was added to a stirred solution of 2-methyl indole (47 mg, 0.359 mmol) in anhydrous diethyl ether (5 mL) at room temperature. Within 5 to 10 minutes, the reaction mixture turned bright orange. 1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (100 mg, 0.4 mmol) (Example 1) was then added dropwise as a solution in anhydrous diethyl ether (2 mL). The reaction was quenched with water after 1 hour, extracted with three 5 mL portions of EtOAc, dried over magnesium sulfate, and concentrated under reduced

pressure. The residue was purified by column chromatography on silica gel affording 45 mg of the title compound as an oil.

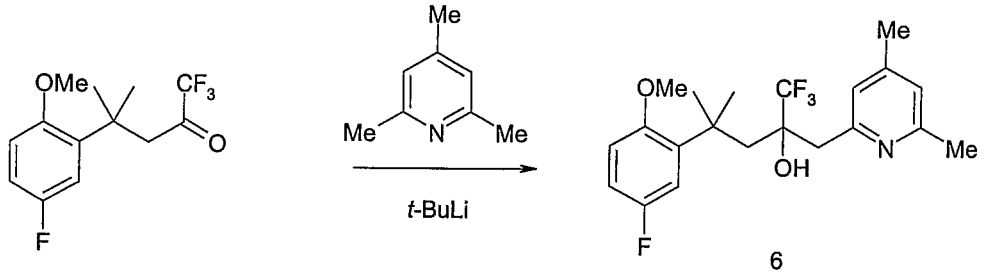
Example 5: Synthesis of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(pyridin-2-ylmethyl)-4-methylpentan-2-ol



5

tert-Butyl lithium (1.7 M in pentane, 0.5 mL) was added dropwise to a solution of 2-methylpyridine (0.050 g) in THF (0.5 mL) cooled to -70°C under argon. The mixture was stirred at -70°C for 10 minutes and 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (0.080 g) (Example 1) in THF (0.5 mL) was added over 1 minute. The reaction mixture was stirred for 5 minutes and then quenched with MeOH. The reaction mixture was concentrated *in vacuo* and the residue fractionated directly by preparative layer chromatography on silica gel (methylene chloride-hexanes (1:1)) to give the 57 mg of the title compound, m.p. 94°C-96°C.

Example 6: Synthesis of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(4,6-dimethylpyridin-2-ylmethyl)-4-methylpentan-2-ol

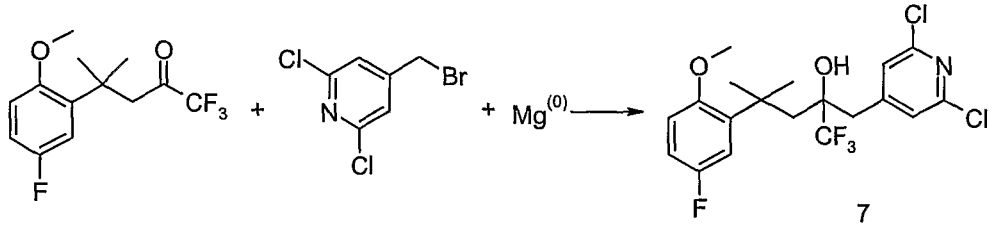


6

tert-Butyl lithium (1.7 M in pentane, 0.5 mL) was added dropwise to a solution of 2,4,6-trimethylpyridine (0.12 g) in THF (0.5 mL) cooled to -70°C under argon. The mixture was stirred at -70°C for 15 minutes and 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (0.10 g) (Example 1) in THF (0.5 mL) was added. The reaction mixture was stirred for 20 minutes and then quenched with acetic acid. The mixture was diluted with

EtOAc, washed with water, dried, filtered, and concentrated *in vacuo*. Fractionation by preparative layer chromatography on silica gel (methylene chloride-hexanes) followed by crystallization gave 43 mg of the title compound, m.p. 95°C-98°C.

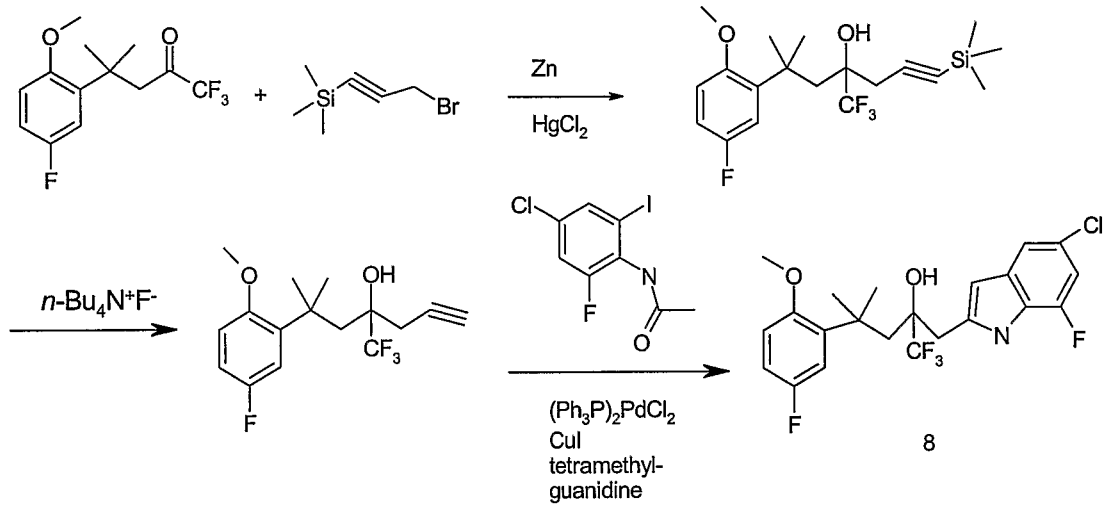
Example 7: Synthesis of 2-(2,6-dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol



7

To a 100 mL dry round bottom flask was added 73 mg (3.0 mmol) of magnesium powder, a couple of I_2 crystals, and 5 mL of dry diethyl ether, and the mixture was allowed to stir under argon. 4-Bromomethyl-2,6-dichloropyridine (723 mg, 3.0 mmol) in 10 mL of diethyl ether was added dropwise through a dropping funnel and the resulting mixture was heated to reflux for 1 hour. 1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (278 mg, 1.0 mmol) (Example 1) in diethyl ether (5 mL) was carefully added dropwise through a dropping funnel and the mixture was allowed to stir to reflux temperature for 4 hours and then overnight (16 hours) at room temperature. The reaction was quenched with the addition of 3 mL of aqueous NH_4Cl solution, and the resulting mixture was extracted with three 30 mL portions of EtOAc, washed with H_2O (10 mL) and brine (10 mL), and the organic phase was dried over Na_2SO_4, filtered, and concentrated *in vacuo*. The residue was purified by flash chromatography on silica gel using an EtOAc-hexanes gradient. Combined product fractions were concentrated *in vacuo* to afford the desired product which was further purified by preparative-HPLC using a gradient of 80%-100% (CH_3CN-water) in 15 minutes and a flow rate of 20 mL/min to afford 76 mg of the title compound (17.2% yield) as a yellowish liquid.

Example 8: Synthesis of 2-(5-chloro-7-fluoro-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol

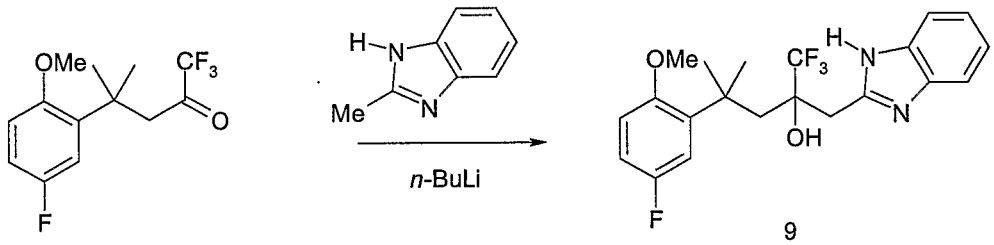


A stirred suspension of zinc dust (0.656 g) and mercuric chloride (25 mg) in 5 mL of anhydrous THF was cooled on ice. A solution of trimethylsilyl-propargyl bromide (0.96 g, 5 mmol) in anhydrous THF (1 mL) was added, the ice-bath was removed, and the reaction mixture was stirred at room temperature for 20 hours. To solution of the resulting organozinc reagent was added a solution of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (0.2 g, 0.72 mmol) (Example 1) in anhydrous THF (1 mL) and the reaction mixture was stirred at room temperature for 4 hours. TLC (hexanes-EtOAc (95:5)) indicated consumption of starting material with a single more polar spot. The reaction mixture was quenched with a saturated solution of ammonium chloride. The resulting mixture was extracted with three 30 mL portions of dichloromethane, the combined extracts were washed with two 20 mL portions of water, dried over anhydrous sodium sulfate, and concentrated *in vacuo*. The crude product was purified by column chromatography over silica gel eluting with hexanes-EtOAc (95:5) to give the desired alcohol intermediate as a colorless oil.

To a stirred solution of the above alcohol (200 mg, 0.51 mmol) in anhydrous THF (2 mL) cooled in ice was added 0.5 mL of 1 M solution of tetrabutylammonium fluoride solution in THF. After 30 minutes, TLC in hexanes-EtOAc (95:5) indicated consumption of starting material. The reaction mixture was quenched with a saturated solution of ammonium chloride (5 mL), extracted with ether (100 mL), washed with two 25 mL portions of water, dried over anhydrous sodium sulfate, and concentrated *in vacuo*, providing the desired terminal acetylene intermediate (160 mg, 98%).

A mixture of the above acetylene intermediate (85 mg, 0.27 mmol), 4-chloro-2-fluoro-6-iodoacetanilide (90 mg, 0.29 mmol), bis(triphenylphosphine)palladium(II) chloride catalyst (20 mg, 0.028 mmol), copper (I) iodide (8 mg, 0.042 mmol), and tetramethylguanidine (0.2 mL) in anhydrous dioxane (0.5 mL) was stirred and heated in an oil-bath maintained at 80°C for 20 hours. After cooling to room temperature, the reaction mixture was diluted with dichloromethane (25 mL) and filtered through diatomaceous earth, which was then rinsed with dichloromethane. The filtrate and the washings were collected, washed with three 20 mL portions of 1 N H_2SO_4, three 20 mL portions of water, dried over anhydrous sodium sulfate, and concentrated *in vacuo* to give a brownish oil. The crude product was purified by preparative TLC eluting with hexanes-EtOAc (90:10). The band corresponding to R_f 0.26 was collected, providing the title compound as an oil.

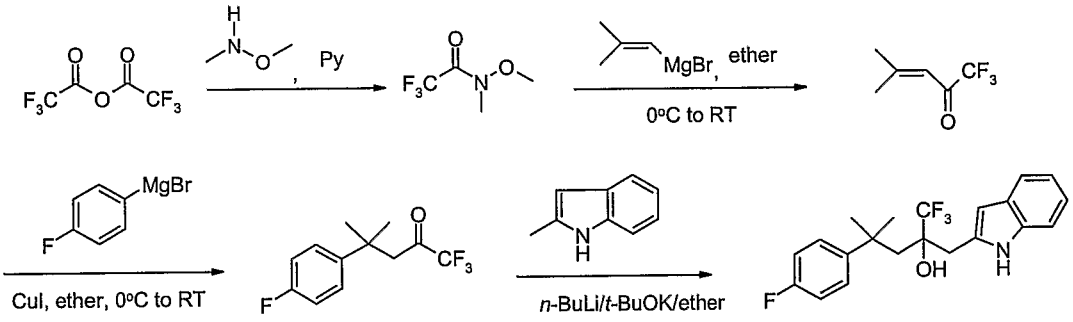
Example 9: Synthesis of 2-(1*H*-benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol



9

To a solution of 2-methylbenzimidazole (300 mg, 2.3 mmol) in 20 mL of anhydrous THF at -30°C, *n*-butyl lithium (1.6 M in pentanes, 3 mL, 4.8 mmol) was slowly added. The resulting red-colored heterogeneous mixture was stirred for 2 hours at this temperature, then a solution of 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (700 mg, 2.55 mmol) (see Example 1) in anhydrous THF (1 mL) was added dropwise. The reaction temperature was allowed to slowly warm to room temperature over a period of 2 hours, at which time reaction was treated with saturated NH_4Cl solution. The resulting mixture was extracted with diethyl ether. The combined organic extracts were dried over magnesium sulfate, filtered, and concentrated *in vacuo* to afford an oil which was purified by chromatography on silica gel to provide 200 mg of unchanged 2-methylbenzimidazole and 60 mg of the title compound as a white solid, m.p. 80°C-82°C.

Example 10: Synthesis of 2-(1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(4-fluorophenyl)-4-methylpentan-2-ol



10

To a mixture of 15.8 g of *N,O*-dimethylhydroxylamine hydrochloride in 400 mL of CH_2Cl_2, 21.7 mL of trifluoroacetic anhydride was added dropwise at 0°C. Pyridine (37 mL) was then added to the above mixture dropwise at 0°C. The resulting mixture was allowed to stir at 0°C for 30 minutes, and was then quenched with water. The organic layer was washed with water, 1 N aqueous HCl, water and brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was pumped under vacuum for 5 minutes providing 2,2,2-trifluoro-*N*-methoxy-*N*-methylacetamide as a colorless oil.

A mixture of 3 g of 2,2,2-trifluoro-*N*-methoxy-*N*-methylacetamide and 30 mL of anhydrous ether was cooled down to 0°C and treated with 42 mL of a 0.5 M solution of 2-methyl propenylmagnesium bromide in THF. The reaction was stirred at 0°C for 0.5 minutes and then warmed to room temperature and stirred overnight. The reaction was quenched with saturated aqueous NH_4Cl and extracted with ether three times. The organic layers were combined and washed with water and brine, dried over magnesium sulfate, and filtered. The resulting ether/THF solution of 1,1,1-trifluoro-4-methylpent-3-en-2-one was used for the next reaction without further purification.

To a 2 M ether/THF solution of 1,1,1-trifluoro-4-methylpent-3-en-2-one was added 3.8 g of copper (I) iodide and 10 mL of a 2 M ether solution of 4-fluorophenylmagnesium bromide at 0°C. The mixture was warmed to room temperature and stirred for 2 hours. The reaction was quenched with saturated aqueous NH_4Cl, and extracted three times with EtOAc. The combined organic layers were washed with water, brine, dried over magnesium sulfate, filtered, and

concentrated *in vacuo*. The residue was purified by flash chromatography to yield 460 mg of 1,1,1-trifluoro-4-(4-fluorophenyl)-4-methylpentan-2-one.

To a diethyl ether solution of 53 mg of 2-methylindole was added 3 equivalents of *n*-butyl lithium followed by 90 mg of potassium *tert*-butoxide (*t*-BuOK) (solid) at room temperature. The mixture was allowed to stir for 30 minutes. 1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methylpentan-2-one (100 mg) in diethyl ether was then added to the above mixture. The reaction was stirred at room for 1 hour. The reaction was quenched with saturated aqueous ammonium chloride, and extracted three times with EtOAc. The combined organic layers were washed with water, brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by column chromatography to yield 40 mg of the title compound as a foam. Resolution to the (+)- and (-) enantiomers was accomplished by chiral HPLC on a CHIRALCEL® OD™ column, eluting with 10% isopropanol-hexanes.

The following compounds were made by procedures analogous to those described in Example 10.

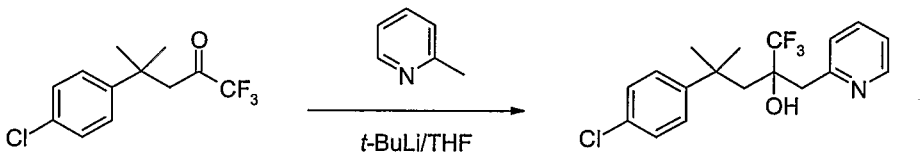
1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-(3,4-Dichlorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol; and

4-(3,4-Difluorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol.

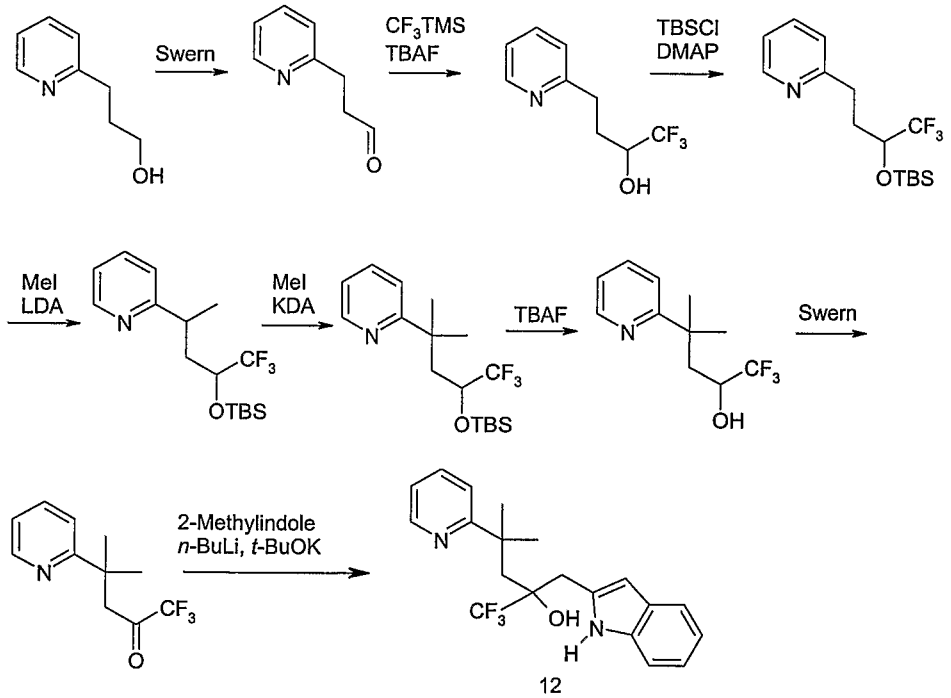
Example 11: Synthesis of 4-(4-chlorophenyl)-1,1,1-trifluoro-4-methyl-2-pyridin-2-ylmethylpentan-2-ol



11

A mixture of 2-picoline in 1 mL of THF was cooled down to -78°C. *tert*-Butyl lithium (1.7 M in pentanes, 0.2 mL (0.34 mmol)) was added dropwise over 5 minutes. The mixture stirred at -78°C for 15 minutes, and then a solution of 40 mg of 4-(4-chlorophenyl)-1,1,1-trifluoro-4-methylpentan-2-one in 0.5 mL of THF was added. Stirring continued at -78°C for 20 minutes. The reaction was quenched with 0.5 N HCl and extracted three times with EtOAc. The organic layers were combined and washed with water, brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by column chromatography to yield 9.6 mg of the title compound as a light yellowish oil.

Example 12: Synthesis of 1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-pyridin-2-ylpentan-2-ol



12

A solution of 4.5 mL (9 mmol, 1.2 eq.) of oxalyl chloride (2.0 M solution in dichloromethane) was diluted with 15 mL of dichloromethane. To this solution was added a solution of 1.2 mL

(17.5 mmol, 2.4 eq.) of DMSO in 3 mL of dichloromethane at -60°C and the mixture was stirred for 10 minutes at this temperature. To this mixture was added a solution of 1 g (7.3 mmol) of 4-pyridinepropanol in 7 mL of dichloromethane at -60°C. The resulting mixture was stirred at -60°C for 15 minutes, then 5.0 mL (36.5 mmol, 5.0 eq.) of triethylamine was added at this temperature. The cooling bath was removed and the reaction mixture was allowed to warm to room temperature and was quenched with water. The organic layer was separated and the aqueous layer was extracted three times with dichloromethane. The combined organic layers were dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by flash chromatography providing 3-pyridin-2-ylpropionaldehyde as a brown oil. Yield: 769 mg (78%).

A solution of 760 mg (5.6 mmol) of 3-pyridin-2-ylpropionaldehyde in 3 mL of THF was treated with 13.6 mL (6.8 mmol, 1.2 eq.) of trimethyl(trifluoromethyl)silane (0.5 M solution in THF) and 0.06 mL (0.06 mmol) of tetrabutylammonium fluoride (1.0 M solution in THF) at 0°C. The resulting mixture was stirred at 0°C for 10 minutes, and quenched with 1 N HCl solution. After stirring for 5 minutes, the pH of the reaction mixture was adjusted to 9 with saturated $NaHCO_3$ solution, and the product was extracted into ether. The ethereal layer was washed with water and brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by flash chromatography to give 706 mg (61%) of 1,1,1-trifluoro-4-pyridin-2-ylbutan-2-ol as a colorless oil.

A solution of 700 mg (3.4 mmol) of 1,1,1-trifluoro-4-pyridin-2-ylbutan-2-ol in 10 mL of dichloromethane was treated with 616 mg (4.1 mmol, 1.2 eq.) of *tert*-butyldimethylsilyl chloride, 697 mg (10.2 mmol, 3.0 eq.) of imidazole and 415 ng (3.4 mmol) of 4-dimethylaminopyridine at 0°C. The resulting mixture was allowed to warm to room temperature and was stirred for 36 hours. Then the mixture was concentrated and the residue was purified by flash chromatography to give 970 mg (89%) of 2-[3-(*tert*-butyldimethylsilanyloxy)-4,4,4-trifluorobutyl]pyridine as a colorless oil.

A solution of 810 mg (2.54 mmol) of 2-[3-(*tert*-butyldimethylsilanyloxy)-4,4,4-trifluorobutyl]pyridine in 8 mL of THF was treated with 2.54 mL (3.81 mmol, 1.5 eq.) of LDA (1.5 M solution in cyclohexane) at -75°C. After stirring at -75°C for 45 minutes, 474 μL (7.61

mmol, 3.0 eq.) of methyl iodide was added at -75°C. The resulting mixture was stirred at this temperature for 10 minutes and quenched with saturated NH_4Cl solution. The product was extracted into ether. The ethereal layer was washed with water, brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo* to give 750 mg (89%) of 2-[3-(*tert*-butyldimethylsilanyloxy)-4,4,4-trifluoro-1-methylbutyl]pyridine (a mixture of two diastereomers) as a brown oil.

To a solution of 3.87 mL (3.87 mmol, 1.5 eq.) of potassium *tert*-butoxide (1.0 M solution in THF) and 542 μL (3.87 mmol, 1.5 eq.) of diisopropylamine, 1.55 mL (3.87 mmol, 1.5 eq) of *n*-butyl lithium (2.5 M solution in hexanes) was added dropwise at -75°C. The resulting mixture was allowed to warm to -50°C over 15 minutes. Then the reaction mixture was treated with 860 mg (2.58 mmol) of 2-[3-(*tert*-butyldimethylsilanyloxy)-4,4,4-trifluoro-1-methylbutyl]pyridine at -50°C and the resulting mixture was stirred for 30 minutes at -50°C. The reaction mixture was cooled to -75°C and treated with 482 μL (7.74 mmol) of methyl iodide and stirred for 1 minute. The reaction mixture was quenched with saturated NH_4Cl solution and the product was extracted into ether. The ethereal layer was washed with water and brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by flash chromatography to give 555 mg (62%) of 2-[3-(*tert*-butyldimethylsilanyloxy)-4,4,4-trifluoro-1,1-dimethylbutyl]pyridine as a colorless oil.

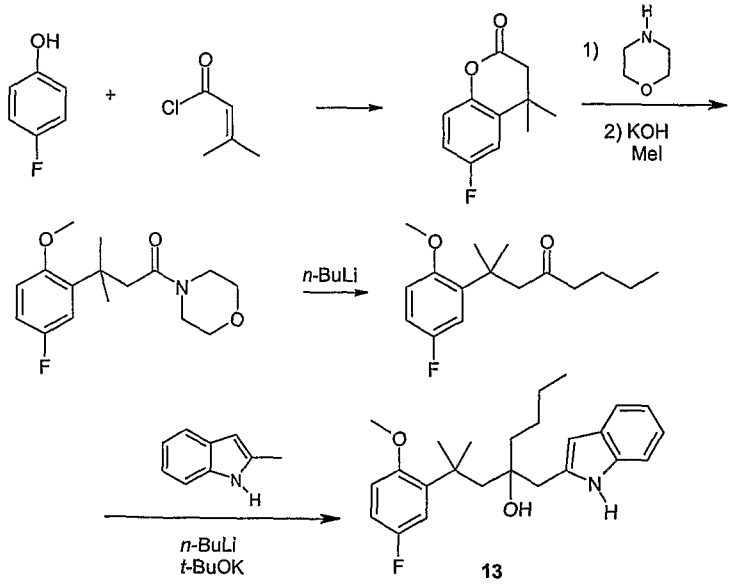
A mixture of 550 mg (1.58 mmol) of 2-[3-(*tert*-butyldimethylsilanyloxy)-4,4,4-trifluoro-1,1-dimethylbutyl]pyridine in 4.5 mL (4.5 mmol) of tetrabutylammonium fluoride (1.0 M solution in THF) was stirred at room temperature for 2 hours. The mixture was concentrated *in vacuo* and the residue was purified by flash chromatography to give 367 mg (99%) of 1,1,1-trifluoro-4-methyl-4-pyridin-2-ylpentan-2-ol as a light yellow oil.

A solution of 516 μL (1.03 mmol, 1.2 eq) of oxalyl chloride (2.0 M solution in dichloromethane) was diluted with 2 mL of dichloromethane. To this solution was added a solution of 146 μL (2.06 mmol, 2.4 eq.) of DMSO in 0.2 mL of dichloromethane at -60°C and the mixture was stirred for 10 minutes at this temperature. Then to this mixture was added a solution of 200 mg (0.86 mmol) of 1,1,1-trifluoro-4-methyl-4-pyridin-2-ylpentan-2-ol in 2 mL of dichloromethane at -60°C. The resulting mixture was stirred at -60°C for 15 minutes and

then 600 μL (4.3 mmol, 5.0 eq.) of triethylamine was added. The cooling bath was removed and the reaction mixture was allowed to warm to room temperature and quenched with water. The organic layer was separated. The aqueous layer was extracted three times with dichloromethane. The combined organic layers were dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by flash chromatography, providing 172 mg (86%) 1,1,1-trifluoro-4-methyl-4-pyridin-2-ylpentan-2-one as a brown oil.

To a solution of 42.4 mg (0.324 mmol, 1.5 eq.) of 2-methylindole in 2 mL of THF, 389 μL (0.972 mmol, 4.5 eq.) of *n*-butyl lithium (2.5 M solution in hexanes) and 648 μL (0.648 mmol, 3.0 eq.) of potassium *tert*-butoxide (1.0 M solution in THF) were added dropwise at -75°C. The resulting mixture was allowed to warm to -20°C over 30 minutes. The reaction mixture was cooled to -75°C and a solution of 50 mg (0.216 mmol) of 1,1,1-trifluoro-4-methyl-4-pyridin-2-ylpentan-2-one in 1 mL of THF was added at this temperature. The resulting mixture was stirred at this temperature for 30 minutes and then quenched with saturated NH_4Cl solution. The product was extracted into ether and the ethereal layer was washed with water and brine, dried over magnesium sulfate, filtered, and concentrated *in vacuo*. The residue was purified by flash chromatography to give 22 mg (28%) of the title compound as a white foam.

Example 13: Synthesis of 7-(5-fluoro-2-methoxyphenyl)-5-(indol-2-ylmethyl)-7-methyloctan-5-ol



To a solution of 4-fluorophenol (11.2 g) and dimethylacryloyl chloride (11.9 g) in diethyl ether (200 mL) cooled on ice, triethylamine (14 mL) was added dropwise over 20 minutes. After an additional 30 minutes the reaction mixture was filtered through diatomaceous earth to remove precipitated triethylamine hydrochloride. The ether solution was washed with water and brine, dried over sodium sulfate and evaporated to give crude intermediate ester (19 g). The ester was dissolved in carbon disulfide (50 mL) and aluminum trichloride (19 g) was added slowly as a solid over 1 hour (exothermic reaction). The mixture was then allowed to stir at room temperature overnight. The carbon disulfide was removed in a stream of nitrogen. The residue was quenched by pouring onto ice and neutralized with aqueous sodium bicarbonate. The mixture was extracted with ether, and the organic phase was dried, filtered and evaporated. Chromatography of the residue over a column of silica gel topped with FLORISIL® activated magnesium silicate packing (eluent: ether-hexanes (95:5)) gave the desired lactone as an oil that solidified on trituration with a little hexanes (yield: 10.5 g).

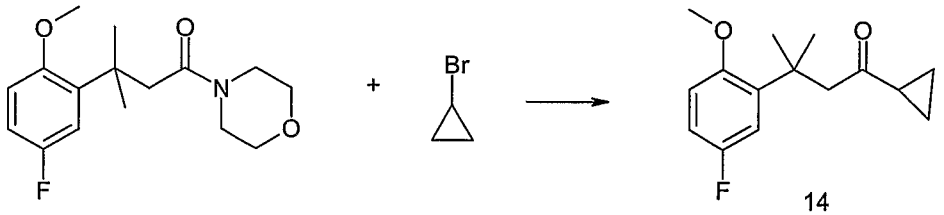
The lactone and morpholine were heated at 80°C (bath temperature) for 30 minutes. Crystalline product appeared. The mixture was cooled to room temperature and triturated with water. The crystalline product was collected by filtration. The product was taken up in DMSO (20 mL) and methyl iodide (2 mL) was added. A solution of potassium hydroxide (1.2 g) in water (10 mL) was added over 20 minutes (moderate exotherm). Additional methyl iodide was added (0.5 mL) followed by potassium hydroxide (0.25 g) in water (5 mL). The mixture was stirred for 20 minutes. The crystalline product was collected by filtration, washed with water and dried under vacuum at 40°C to give 3-(5-fluoro-2-methoxyphenyl)-3-methyl-1-morpholin-4-ylbutan-1-one (5.1 g).

To a solution of the above 3-(5-fluoro-2-methoxyphenyl)-3-methyl-1-morpholin-4-ylbutan-1-one (0.29 g) in THF (2 mL) cooled to -70°C under argon was added dropwise over 5 minutes *n*-butyl lithium (2 M in pentane, 1 mL). The mixture was stirred at -70°C for 15 minutes and then quenched with EtOH (0.2 mL). Water (1 mL) and EtOAc (2 mL) were added and the mixture was warmed to room temperature. The organic phase was separated and washed with water, dried over sodium sulfate, filtered, and evaporated to give the product as an oil (0.26 g).

To a solution of 2-methylindole (0.13 g) in THF (1 mL) cooled to -70°C under argon was added *n*-butyl lithium (2.5 M in hexane, 1.3 mL) dropwise. After 5 minutes, potassium *tert*-butoxide (1M in THF, 2 mL) was added and the cooling bath was removed. After about 5 minutes, a solid precipitate appeared and the mixture was re-cooled on a dry ice/acetone bath. The ketone from above (0.24 g) in THF (1 mL) was added all at once and the mixture was stirred warming to room temperature over 1 hour. The reaction was quenched with EtOH (0.3 mL) and diluted with EtOAc. The mixture was washed with water, dried, filtered and evaporated. Preparative layer chromatography of the residue (developer methylene chloride) followed by a second preparative layer chromatography (developer: EtOAc-hexanes (5:95)) gave the title compound as an oil (24 mg).

Examples 14-17 illustrate the synthesis of other ketones that may be used as intermediates to prepare compounds of Formula (IB) in methods analogous to those described in Example 13.

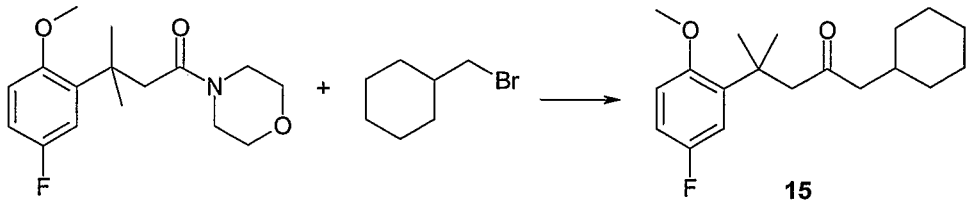
Example 14: Synthesis of 1-cyclopropyl-3-(5-fluoro-2-methoxyphenyl)-3-methylbutan-1-one



14

To a solution of cyclopropyl bromide (0.120 g) in THF (0.8 mL) cooled to -70°C, a solution of *tert*-butyl lithium (1.7 M in pentane, 0.8 mL) was added dropwise over 5 minutes. The mixture was stirred at -70°C for 30 minutes. A solution of 3-(5-fluoro-2-methoxyphenyl)-3-methyl-1-morpholin-4-ylbutan-1-one (0.29 g) in THF (1 mL) was then added all at once and the mixture was stirred for 30 minutes. The mixture was quenched with EtOH (0.3 mL) and warmed to room temperature. The mixture was diluted with EtOAc, washed with water, dried over sodium sulfate, filtered, and evaporated to give the title compound as an oil (0.23 g).

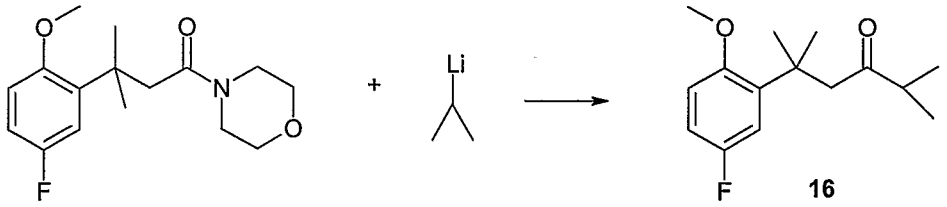
Example 15: Synthesis of 1-cyclohexyl-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one



15

To a solution of cyclohexylmethyl bromide (0.26 g) in THF (1 mL) cooled to -70°C under argon, *tert*-butyl lithium (1.7 M in pentane, 1.8 mL) was added dropwise over 5 minutes. The mixture was stirred at -70°C for 30 minutes. A solution of 3-(5-fluoro-2-methoxyphenyl)-3-methyl-1-morpholin-4-ylbutan-1-one (0.33 g) in THF (1 mL) was added all at once and the mixture was stirred for one hour. The reaction temperature rose to approximately coming to -20°C. The reaction was quenched with EtOH (0.3 mL), and warmed to room temperature. The mixture was diluted with EtOAc, washed with water, dried, filtered, and evaporated. Chromatography of the residue over silica gel (eluent: hexanes-methylene chloride gradient) gave the title compound as an oil (0.2 g).

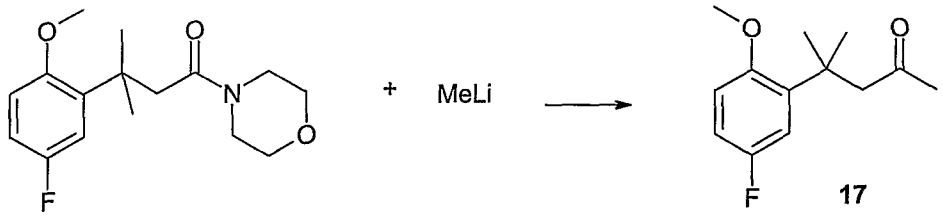
Example 16: Synthesis of 5-(5-fluoro-2-methoxyphenyl)-2,5-dimethylhexan-3-one



16

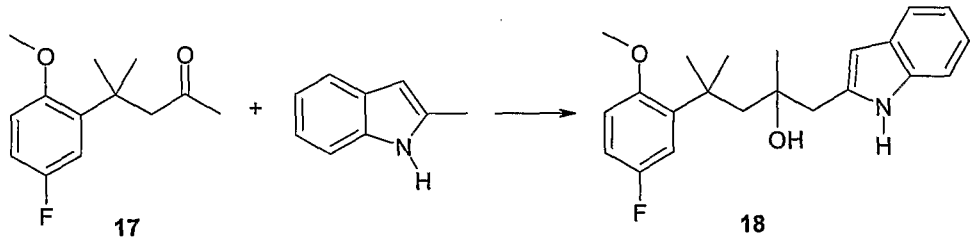
To a solution of 3-(5-fluoro-2-methoxyphenyl)-3-methyl-1-morpholin-4-ylbutan-1-one (0.45 g) in THF (2 mL) stirred under argon and cooled on dry ice/acetone was added isopropyl lithium (0.7M in pentane, 3 mL) over 10 minutes. The mixture was stirred for 20 minutes and quenched with EtOH (0.3 mL). The mixture was warmed to room temperature and water 1 mL was added. The organic phase was separated, washed, dried, filtered, and evaporated. The residue was fractionated over a short column of silica gel (eluent: hexanes-methylene chloride (1:1)) to give the product as an oil (0.40 g).

Example 17: Synthesis of 4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one



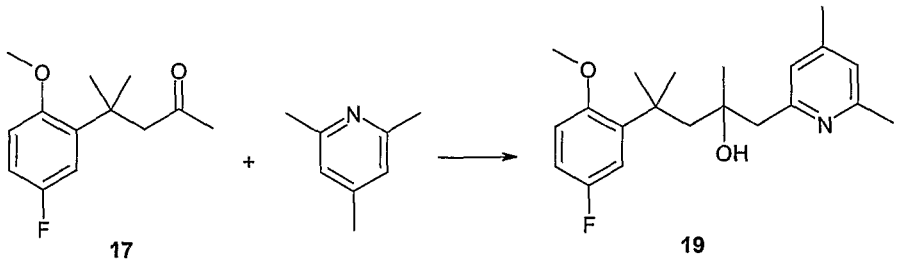
To a solution of 3-(5-fluoro-2-methoxyphenyl)-3-methyl-1-morpholin-4-ylbutan-1-one (0.59 g) in THF (1 mL) stirred under argon and cooled on dry ice/acetone was added methyl lithium (1.4 M in pentane, 2 mL) over 2 minutes. The mixture was stirred for 30 minutes and quenched with EtOH (0.3 mL). The mixture was warmed to room temperature and 1 mL of water was added. The organic phase was separated, washed, dried, filtered, and evaporated. The residue was fractionated over a short column of silica gel (eluent: hexanes-methylene chloride (1:1)) to give the title compound as an oil (0.36 g).

Example 18: Synthesis of 4-(5-fluoro-2-methoxyphenyl)-2-(indol-2-ylmethyl)-4-methylpentan-2-ol



To a solution of 2-methylindole (130 mg) in THF (2 mL) stirred under argon cooled on dry ice/acetone was added *n*-butyl lithium (2M in pentane, 1.6 mL). After 2 minutes, potassium *tert*-butoxide (1M in THF, 2 mL) was added and the mixture was allowed to warm to approximately -20°C. After 5 minutes, precipitate was noted and the mixture was cooled to -70°C. 4-(5-Fluoro-2-methoxyphenyl)-4-methylpentan-2-one (Example 17) (440 mg) in THF (1.5 mL) was added all at once. The cooling bath was removed and the mixture was stirred for 10 minutes and then quenched with EtOH (0.5 mL). The mixture was diluted with EtOAc, washed with water, dried, filtered, and evaporated. Chromatography over silica gel (EtOAc-hexanes (1:9)) gave product which solidified on trituration with hexanes-ether. The solid was recrystallized from ether-hexanes, collected by filtration and dried under vacuum to give 0.11 g of the title compound, m.p. 118°C-120°C.

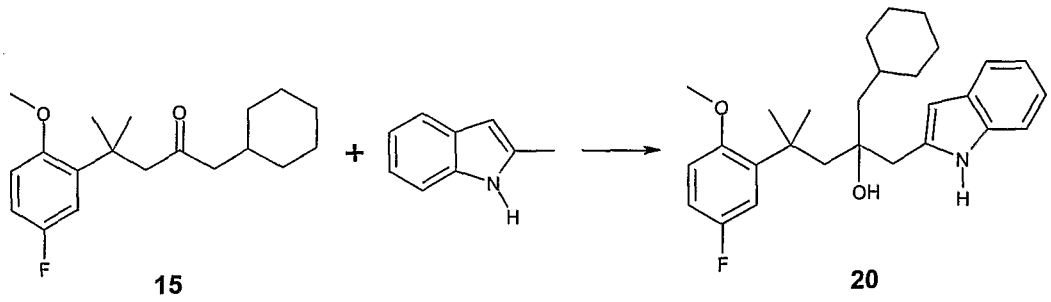
Example 19: Synthesis of 4-(5-fluoro-2-methoxyphenyl)-2-(4,6-dimethylpyridin-2-ylmethyl)-4-methylpentan-2-ol



17 19

To a solution of 2,4,6-trimethylpyridine (0.14 g) in THF (1 mL) stirred under argon and cooled to -70°C, *tert*-butyl lithium (1.7M in pentane, 0.75 mL) was added dropwise over 2 minutes. After stirring for an additional 2 minutes, 4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (Example 17) (0.22 g) in THF (0.8 mL) was added all at once. After 5 minutes, the reaction was quenched with EtOH (0.2 mL) and allowed to warm to room temperature. The mixture was diluted with EtOAc, washed with water, dried, filtered, and evaporated. Chromatography of the residue over silica gel (eluent: EtOAc-methylene chloride (2:98 to 8:92 gradient)) gave the product as an oil (0.19 g).

Example 20: Synthesis of 1-cyclohexyl-4-(5-fluoro-2-methoxyphenyl)-2-(indol-2-ylmethyl)-4-methylpentan-2-ol

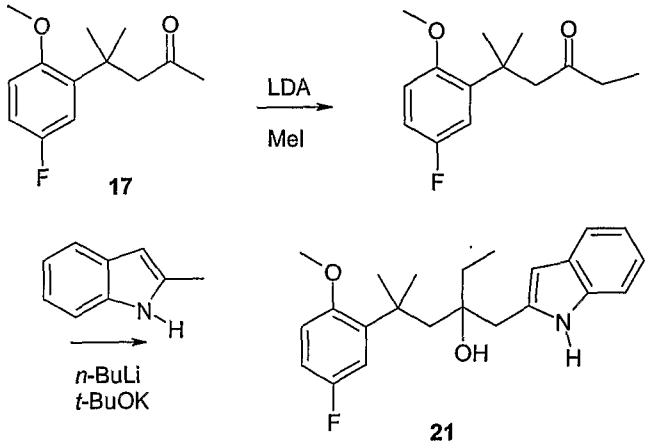


15 20

To a solution of the 2-methylindole (65 mg) in THF (1 mL) stirred under argon cooled on dry ice/acetone was added *n*-butyl lithium (2 M in pentane, 0.8 mL). After 2 minutes, potassium *tert*-butoxide (1M in THF, 1 mL) was added and the mixture was allowed to warm to approximately -20°C. After 5 minutes, a precipitate was noted and the mixture was cooled to -70°C. 1-Cyclohexyl-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (Example 15) (100 mg) in THF (1 mL) was added dropwise and the mixture was stirred for 20 minutes at -70°C. The reaction was quenched with EtOH (0.5 mL). The mixture was diluted with EtOAc, washed

with water, dried, filtered, and evaporated. Chromatography over silica gel (methylene chloride-hexanes (1:2)) gave the title compound as an oil (0.095 g).

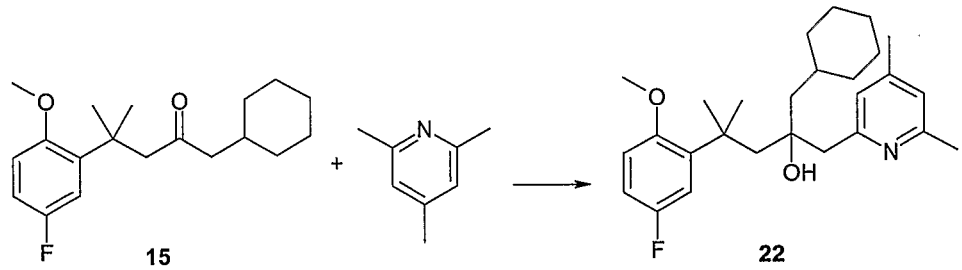
Example 21: Synthesis of 5-(5-fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-5-methylhexan-3-ol



To a solution of lithium diisopropylamide (2 M in THF-hexanes-ethylbenzene, 1.0 mL) in THF 1 mL under argon cooled to -70°C was added dropwise a solution of 4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (0.44 g) in THF (1 mL). The mixture was stirred for 30 minutes and then a solution of methyl iodide (0.28 g) in THF (0.5 mL) was added dropwise and the mixture was stirred coming to room temperature overnight. The mixture was diluted with hexanes, washed with water, dried, filtered, and evaporated. Chromatography of the residue over silica gel (hexanes-methylene chloride (gradient 1:4-1:1)) gave the desired hexan-3-one as an oil (0.20 g).

To a solution of 2-methylindole (64 mg) in THF (1 mL) stirred under argon cooled on dry ice / acetone was added *n*-butyl lithium (2M in pentane, 0.8 mL). After 2 minutes, potassium *tert*-butoxide (1M in THF, 1 mL) was added and the mixture was allowed to warm to approximately -20°C. After approximately 5 minutes, a precipitate was noted and the mixture was cooled to -70°C. The hexan-3-one (100 mg) in THF (1 mL) was added dropwise and the mixture was stirred for 20 minutes at -70°C. The reaction was quenched with EtOH (0.5 mL). The mixture was diluted with EtOAc, washed with water, dried, filtered, and evaporated. Chromatography over silica gel (methylene chloride-hexanes (1:2)) gave the title compound as an oil (0.062 g).

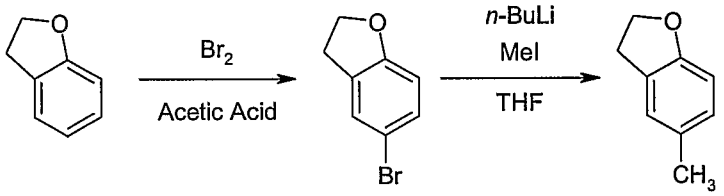
Example 22: Synthesis of 1-cyclohexyl-2-(4,6-dimethylpyridin-2-ylmethyl)- 4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol



To a solution of collidine (0.113 g) in THF (1 mL) cooled to -70°C was added dropwise over 3 minutes *tert*-butyl lithium (1.7 M in pentane, 0.55 mL). The mixture was stirred for 5 minutes and then 1-cyclohexyl-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (Example 15) (0.095 g) in THF (0.5 mL) was added dropwise. After 10 minutes at -70°C, the reaction was quenched by addition of EtOH (0.2 mL) and warmed to room temperature. The mixture was diluted with EtOAc, washed with water, dried over sodium sulfate, filtered, and evaporated. The residue was fractionated by preparative layer chromatography (developer: methylene chloride-EtOAc (99:1)) followed by preparative layer chromatography (developer: hexanes-methylene chloride-EtOH (1:1:0.01)) to give the title compound as an oil (73 mg).

Examples 23 and 24 illustrate the synthesis of substituted dihydrobenzofurans. These may be converted to trifluoromethyl ketone intermediates by the procedure described in Example 1 for 4-fluoroanisole.

Example 23: Synthesis of 5-methyl-2,3-dihydrobenzofuran



23

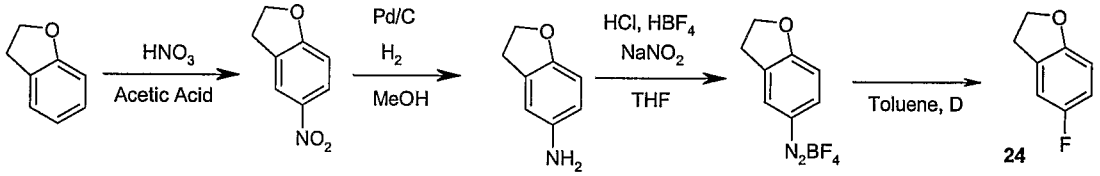
To a chilled (10°C) solution of 10 g (83 mmol) of 2,3-dihydrobenzofuran in 50 mL of acetic acid, 4 mL (78 mmol) of bromine in 6 mL of acetic acid was added dropwise over a 10 minute period. After 1 hour, the mixture was made basic by cautiously pouring the reaction mixture into saturated/solid aqueous sodium bicarbonate solution and stirring overnight. The mixture

was then extracted with three 100 mL portions of EtOAc. The combined organic layers were washed with two 50 mL portions of saturated aqueous sodium bicarbonate, three 50 mL portions of brine, dried over magnesium sulfate, filtered, and concentrated to afford a yellow oil. The oil was diluted with hexanes and passed through a pad of silica gel in a 600 mL funnel eluting with hexanes to afford a white solid which was diluted with cold (dry ice-acetone) hexanes and collected by filtration to afford 4.7 g (28%) of 5-bromo-2,3-dihydrobenzofuran as a white solid, mp 45°C-48°C. The filtrate was concentrated to afford 5.1 g of 5-bromo-2,3-dihydrobenzofuran which was 70% pure.

To a chilled (-78°C) solution of 5.2 g (26.12 mmol) of 5-bromo-2,3-dihydrobenzofuran in anhydrous THF was added 13.4 mL (26.8 mmol) of a 2.0 M solution of *n*-butyl lithium in pentane. After 10 minutes, 4 mL (64.25 mmol) of iodomethane was added dropwise. After the addition, the cold bath was removed and the mixture stirred at room temperature. After 2 hours, the mixture was diluted with 40 mL of saturated aqueous ammonium chloride and extracted with three 30 mL portions of EtOAc. The combined organic layers were washed with three 30 mL portions of brine, dried over magnesium sulfate, filtered, and concentrated to afford 3.7 g of a yellow oil. The oil was distilled under vacuum (Kugelrohr) at 70°C-80°C to afford 1.6 g (45%) of the title compound which was used without further purification.

Using the procedure described in Example 1, the following ketone was prepared: 1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-one.

Example 24: Synthesis of 5-Fluoro-2,3-dihydrobenzofuran



24

To a solution of 25.5 g (0.212 mol) of 2,3-dihydrobenzofuran in 175 mL of acetic acid was added about one quarter of 4.5 mL (0.227 mol) of 70% aqueous nitric acid dropwise. The reaction was monitored by TLC (EtOAc-hexanes, 15:85). The mixture was warmed to 70°C where the reaction began. The remainder of the nitric acid was then added while maintaining the reaction at 70°C. After 30 minutes, the reaction was cooled and poured into 1.5 L of ice

water. The black solid was collected by filtration washing with water. The solid was partitioned between 500 mL of saturated aqueous sodium bicarbonate and 150 mL of EtOAc. The aqueous layer was separated and extracted with three 150 mL portions of EtOAc. The combined organic layers were washed with three 100 mL portions of saturated aqueous sodium bicarbonate, 100 mL of saturated aqueous ammonium chloride, 100 mL of brine, dried over magnesium sulfate, filtered, and concentrated to afford a red oil/solid. The mixture was dissolved in dichloromethane and passed through a pad of silica gel, eluting with dichloromethane, and concentrated. The resulting red mixture was triturated with ether-hexanes (1:1) and filtered to afford 10.5 g (29%) of 5-nitro-2,3-dihydrobenzofuran as a tan solid.

To a suspension of 10.3 g (62.37 mmol) of 5-nitro-2,3-dihydrobenzofuran in 50 mL of MeOH and 10 mL of dichloromethane was added 350 mg of 10% palladium on carbon and the mixture was placed under 55 psi of hydrogen gas. Hydrogen gas uptake was evident during the first 30 minutes. After 18 hours, the mixture was then filtered through diatomaceous earth and concentrated to afford 8.2 g of 2,3-dihydrobenzofuran-5-ylamine as a gray solid which was used without further purification.

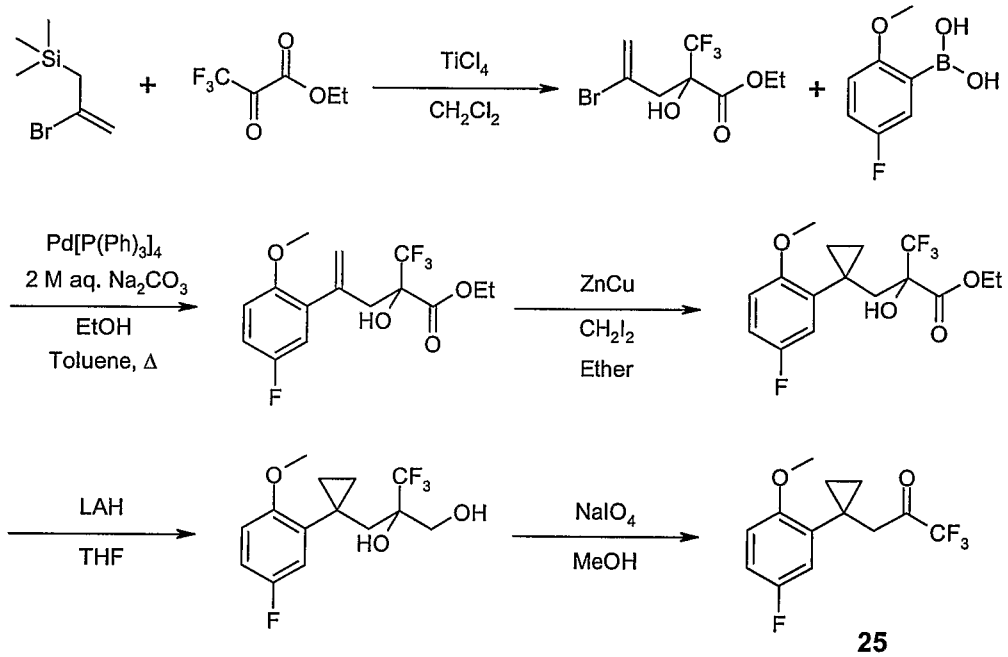
To a solution of 8.2 g (60.66 mmol) of 2,3-dihydrobenzofuran-5-ylamine in 250 mL of THF was added 6 mL of concentrated aqueous HCl in several portions. To the resulting white precipitate was added 11 mL of tetrafluoroboric acid dropwise. The mixture was then chilled (-15°C) and 4.7 g (68.12 mmol) of sodium nitrite in 20 mL of water was added dropwise. The suspension turned deep gray, became homogenous and then a precipitate formed. The mixture was stirred for 30 minutes at -15°C and then the solid was collected by filtration washing with cold water, cold ethanol, and cold ether. The solid was dried by pulling vacuum through the filter cake to afford 9.7 g (68%) of 5-diazonium-2,3-dihydrobenzofuran tetrafluoroborate salt which was used without further purification.

A suspension of 9.7 g (41.46 mmol) of the above diazonium tetrafluoroborate salt in xylenes was warmed at reflux for 1 hour. The mixture was then cooled and diluted with 200 mL of saturated aqueous sodium bicarbonate. The aqueous was separated and extracted with three 50 mL portions of EtOAc. The combined organic layers were washed with 50 mL of aqueous

sodium bicarbonate, 50 mL of brine, dried over magnesium sulfate, filtered, and concentrated to afford an oil. The crude oil was chromatographed on silica gel using EtOAc-hexanes (0:100, then 0.5:99.5) to afford 2.6 g (45%) of the title compound.

Using the procedure described in Example 1, the following ketone was prepared: 1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methylpentan-2-one.

Example 25: Synthesis of 1,1,1-trifluoro-3-[1-(5-fluoro-2-methoxyphenyl)cyclopropyl]propan-2-one



25

To a chilled (-78°C) solution of 5.2 mL (30.18 mmol) of 2-bromoallyltrimethylsilane and 5.3 g (31.16 mmol) of ethyl trifluoropyruvate in 75 mL of dichloromethane was added 30 mL (30 mmol) of a 1 M solution of titanium tetrachloride in dichloromethane over a 10 minute period. The cold bath was then removed and the mixture was warmed to room temperature. After 3 hours, the mixture was cautiously added to 100 mL of saturated aqueous ammonium chloride and filtered through diatomaceous earth, washing with dichloromethane. The dichloromethane was separated and the aqueous layer was extracted with three 50 mL portions of dichloromethane. The combined organic layers were washed with two 50 mL portions of saturated aqueous sodium bicarbonate, 50 mL of brine, dried over magnesium sulfate, filtered,

and concentrated to afford 6.7 g (76%) of 4-bromo-2-hydroxy-2-trifluoromethylpent-4-enoic acid ethyl ester as a yellow oil which was used without further purification.

A mixture of 500 mg (1.71 mmol) of 4-bromo-2-hydroxy-2-trifluoromethylpent-4-enoic acid ethyl ester, 509 mg (3 mmol) of 3-fluoro-5-methoxyphenylboronic acid and 25 mg (0.022 mmol) of tetrakis(triphenylphosphine)palladium(0) in 4 mL of toluene, 2 mL of ethanol, and 1 mL of 2 M aqueous sodium carbonate was warmed at reflux. After 24 hours, the mixture was cooled and diluted with saturated aqueous ammonium chloride and extracted with three 10 mL portions of EtOAc. The combined organic layers were washed with three 5 mL portions of brine, dried over magnesium sulfate, filtered, and concentrated. The crude solidified upon standing and was adsorbed onto silica gel and chromatographed on silica gel using EtOAc-hexanes (0:100, then 0.5:99.5, then 1:99, then 2:98) to afford partially purified product. Trituration with ether-hexanes removed an insoluble by product. The filtrate was chromatographed on silica gel using dichloromethane-hexanes (5:95, then 1:9, then 15:85, then 2:8, then 3:7, then 4:6) to afford 280 mg (48%) of 4-(5-fluoro-2-methoxyphenyl)-2-hydroxy-2-trifluoromethylpent-4-enoic acid ethyl ester as an oil which solidified upon standing.

To a solution of 620 mg (1.84 mmol) of 4-(5-fluoro-2-methoxyphenyl)-2-hydroxy-2-trifluoromethylpent-4-enoic acid ethyl ester, 475 mg zinc copper couple, and an iodine crystal in anhydrous ether in a sealed tube warmed to 55°C was added dropwise 500 μL (6.20 mmol) of diiodomethane. The reaction was monitored by TLC in dichloromethane-hexanes (1:1) or ether-hexanes (2:8). After 18 hours, the mixture was cooled, diluted with EtOAc, and filtered through diatomaceous earth. The filtrate was washed with three 10 mL portions of 1 N aqueous HCl, 10 mL of brine, three 10 mL portions of saturated aqueous sodium bicarbonate, dried over magnesium sulfate, filtered, and concentrated. The crude material was adsorbed onto silica gel and chromatographed on silica gel using ether-hexanes (0:100, then 1:99, then 2:98) to afford 494 mg (76%) of 3,3,3-trifluoro-2-[1-(5-fluoro-2-methoxyphenyl)cyclopropylmethyl]-2-hydroxypropionic acid ethyl ester.

To a chilled (0°C) solution of 400 mg (1.14 mmol) of 3,3,3-trifluoro-2-[1-(5-fluoro-2-methoxyphenyl)cyclopropylmethyl]-2-hydroxypropionic acid ethyl ester in 5 mL of anhydrous THF was added 98 mg (2.58 mmol) of lithium aluminum hydride in several portions. The cold

bath was then removed and the mixture was stirred at room temperature. After 4.5 hours, the mixture was cooled in an ice water bath and cautiously quenched with water, dried over magnesium sulfate, and filtered through diatomaceous earth, washing with EtOAc to afford 278 mg (78%) of title compound which was used without further purification. The filter cake was partitioned between 15 mL of 1 N aqueous hydrochloric acid and extracted with three 10 mL portions of EtOAc. The combined organic layers were washed with two 10 mL portions of 1 N aqueous hydrochloric acid, 10 mL of brine, and two 10 mL portions of saturated aqueous sodium bicarbonate, dried over magnesium sulfate, filtered, and concentrated to afford an addition 32 mg (8.9%) of 3,3,3-trifluoro-2-[1-(5-fluoro-2-methoxyphenyl)cyclopropylmethyl]propane-1,2-diol.

To a solution of 310 mg (1.01 mmol) of 3,3,3-trifluoro-2-[1-(5-fluoro-2-methoxyphenyl)cyclopropylmethyl]propane-1,2-diol in 15 mL of MeOH was added 1.5 g (7.01 mmol) of sodium periodate. After 7 hours, the mixture was concentrated and the residue diluted with hexanes and filtered through diatomaceous earth. The crude residue was chromatographed on silica gel using hexanes to load the sample and then eluting with EtOAc-hexanes (0:100, then 0.25:99.75, then 0.5:99.5, then 1:99) to afford 200 mg of the title compound as a clear oil.

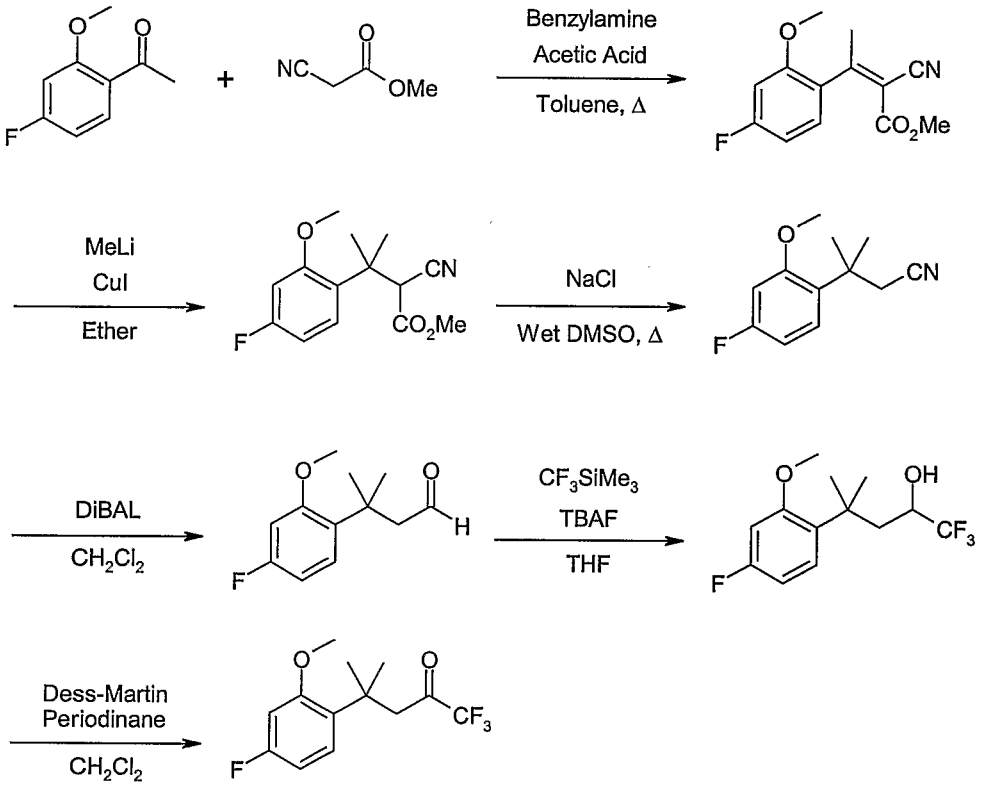
The following trifluoromethyl ketones were also prepared by the method of Example 25:

1,1,1-Trifluoro-3-[1-(2-trifluoromethoxyphenyl)cyclopropyl]propan-2-one;

3-[1-(2,5-Difluorophenyl)cyclopropyl]-1,1,1-trifluoropropan-2-one; and

1,1,1-Trifluoro-3-[1-(4-fluorophenyl)cyclopropyl]propan-2-one.

Example 26: Synthesis of 1,1,1-trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-one



26

To a round bottom flask fitted with a Dean-Stark trap was added a mixture of 19.54 g (116 mmol) of 4-fluoro-2-methoxyacetophenone, 15.29 mL (174 mmol) of methyl cyanoacetate, 1.42 mL (13 mmol) of benzylamine, and 6.6 mL of acetic acid in 170 mL of toluene and the mixture was warmed to reflux. The reaction was monitored by TLC (EtOAc-hexanes, 2:8). After 18 hours, the reaction was then cooled and concentrated *in vacuo* to afford a dark, orange oil. The crude oil was distilled at 130°C under vacuum (Kugelrohr) to remove unreacted 4-fluoro-2-methoxyactophenone. The crude product was then passed through a pad of silica gel using a 10% EtOAc in a 1:1 mixture of dichloromethane in hexanes to afford 27.64 g (95%) of 2-cyano-3-(4-fluoro-2-methoxyphenyl)but-2-enoic acid methyl ester as a light orange oil which was a mixture of geometric isomers.

To a chilled (0°C) suspension of 4.3 g (22.58 mmol) of copper (I) iodide (purified by Soxhlet extraction with THF) in 100 mL of diethyl ether was added 26 mL (41.60 mmol) of a 1.6 M solution of methyl lithium in ether over a 15 minute period. After the addition, the mixture stirred for 10 min and was then cooled to -25°C and a solution of 4.0 g (15.19 mmol) of 2-

cyano-3-(4-fluoro-2-methoxyphenyl)but-2-enoic acid methyl ester in 50 mL of diethyl ether was added over a 20 minute period. The mixture stirred at -25°C for 30 minutes and was then allowed to warm to room temperature. The reaction was monitored by proton NMR. After 1.5 hours, an aliquot partitioned between EtOAc and 1 N aqueous HCl indicated starting material was gone and desired product was present. The reaction was cautiously poured into brine and then saturated aqueous ammonium chloride was added followed by 1 N aqueous HCl and EtOAc. The mixture was filtered through diatomaceous earth and the aqueous layer was separated and extracted with three 50 mL portions of EtOAc. The combined organic layers were washed with 30 mL of 1 N aqueous HCl, 30 mL of brine, and three 25 mL portions of saturated aqueous sodium bicarbonate, dried over magnesium sulfate, filtered, and concentrated to afford 4.2 g (99%) of 2-cyano-3-(4-fluoro-2-methoxyphenyl)-3-methylbutyric acid methyl ester.

A mixture of 4.2 g (15.03 mmol) of 2-cyano-3-(4-fluoro-2-methoxyphenyl)-3-methylbutyric acid methyl ester and 2.5 g (42.77 mmol) of sodium chloride in 40 mL of DMSO with 2 mL of water was warmed to reflux. Gas evolution was clearly evident early in the reaction. After 4 hours, the reaction was cooled and diluted with 100 mL of brine and extracted with four 75 mL portions of EtOAc. The combined organic layers were washed with six 50 mL portions of brine, dried over magnesium sulfate, filtered, and concentrated to afford an oil which solidified under vacuum. The tan solid was triturated with hexanes and collected by filtration to afford 2.52 g (81%) of 3-(4-fluoro-2-methoxyphenyl)-3-methylbutyronitrile, m.p. 80°C-83°C.

To a chilled (-40°C) solution of 2 g (9.65 mmol) of 3-(4-fluoro-2-methoxyphenyl)-3-methylbutyronitrile in 20 mL of dichloromethane was added 20 mL (20 mmol) of a 1 M solution of diisobutylaluminum hydride in dichloromethane over a 10 minute period. The mixture was then allowed to warm to room temperature. After 4 hours, the mixture was cautiously added to 1 N aqueous HCl and concentrated *in vacuo* to remove the dichloromethane. The residue was extracted with three 40 mL portions of EtOAc. The combined organic layers were washed with 30 mL of 1 N aqueous HCl, two 30 mL portions of brine, 30 mL of saturated aqueous sodium bicarbonate, dried over magnesium sulfate, filtered, and concentrated to afford 1.89 g (93%) of 3-(4-fluoro-2-methoxyphenyl)-3-methylbutyraldehyde as an oil which was used without further purification.

To 1.89 g (8.99 mmol) of 3-(4-fluoro-2-methoxyphenyl)-3-methylbutyraldehyde was added 25 mL (12.5 mmol) of a 0.5 M solution of trimethyl(trifluoromethyl)silane in tetrahydrofuran and 2 mL (2 mmol) of a 1 M solution of tetrabutylammonium fluoride in tetrahydrofuran was added over a 2 minute period. The mixture stirred for 30 minutes and then an additional 8 mL (8 mmol) of a 1 M solution of tetrabutylammonium fluoride in tetrahydrofuran was added. The mixture was then diluted with water and extracted with three 25 mL portions of EtOAc. The combined organic layers were washed with three 20 mL portions of 1 N aqueous HCl, three 20 mL portions of brine, and three 20 mL portions of saturated aqueous sodium bicarbonate, dried over magnesium sulfate, filtered, and concentrated to afford 2.78 g of 1,1,1-trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol as an oil. The oil was dried under high vacuum to a constant weight of 2.36 g (93%) and was used without further purification.

To a solution of 2.3 g (8.42 mmol) of 1,1,1-trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol in 40 mL of dichloromethane was added the 4.96 (11.70 mmol) of Dess-Martin periodinane. After 1 hour, the mixture was concentrated and diluted with ether-hexanes (1:9) and filtered through a pad of silica gel, washing with 1:1 ether-hexanes. Use of a second pad of silica gel washing with EtOAc-hexanes (1:9) afforded the title compound as an oil. The product was dried under vacuum to a constant weight of 2 g (85%).

The following trifluoromethyl ketones were also prepared by the method of Example 26:

4-(3,5-Dimethoxyphenyl)-1,1,1-trifluoro-4-methylpentan-2-one;

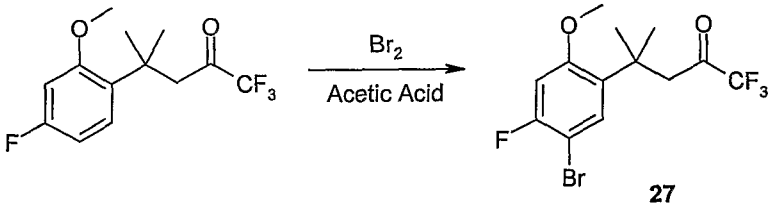
1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-one;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-ylpentan-2-one;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methylpentan-2-one; and

1,1,1-Trifluoro-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-one.

Example 27: Synthesis of 4-(5-bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methylpentan-2-one



27

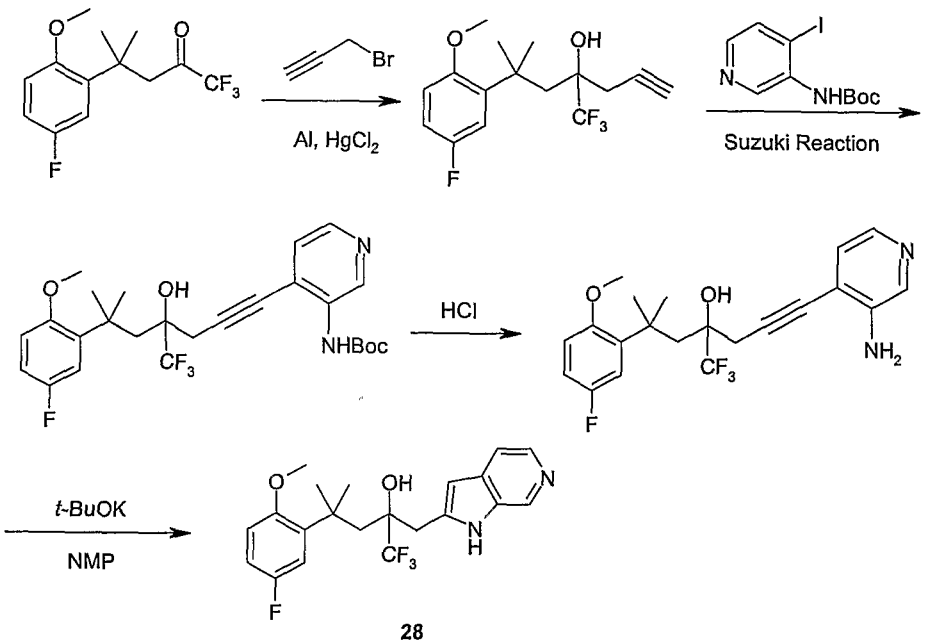
To a solution of 300 mg (1.078 mmol) of 1,1,1-trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-one (Example 26) in 0.5 mL of acetic acid was added 70 μL (1.35 mmol) of bromine. The reaction was monitored by TLC (EtOAc-hexanes (1:9)) by partitioning an aliquot between saturated aqueous sodium bicarbonate and EtOAc. A new slightly more polar product was observed. The reaction was made basic with saturated aqueous sodium bicarbonate and extracted with three 15 mL portion of EtOAc. The combined organic layers were washed with two 10 mL portions of saturated aqueous sodium bicarbonate and 10 mL of brine, dried over magnesium sulfate, filtered, and concentrated. The residue was dissolved in hexanes and passed through a pad of silica gel, eluting with EtOAc-hexanes (0.5:99.5) to afford 375 mg (97%) of the title compound.

The following compounds were prepared by the method of Example 27:

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methylpentan-2-one; and

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methylpentan-2-one.

Example 28: Synthesis of 1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol



28

Aluminum amalgam was prepared from aluminum foil (1.16g, 14.4 mmol) and mercuric chloride (12 mg, catalytic amount) in dry THF (20 mL) by vigorously stirring the mixture at room temperature for 1 hour under an argon atmosphere. A solution of propargyl bromide (4.80 mL, 80 wt.% in toluene, 43.1 mmol) in dry THF (25 mL) was slowly added to a stirred suspension maintaining a temperature of 30°C-40°C, and after addition, stirring at 40°C was continued until a dark gray solution was obtained (*ca.* 1 hour). The propargyl aluminum sesquibromide solution was added to a solution of the trifluoromethylketone (4.0 g, 14.4 mmol) in dry ether (150 mL) at -78°C. The reaction mixture was stirred at this temperature for 3 hours, and then was allowed to warm to room temperature, at which time it was stirred for 12 hours. The reaction mixture was then poured into 20 mL of ice water and extracted with four 30 mL portions of ether. The combined extracts were washed with 20 mL of brine, dried over magnesium sulfate, and concentrated. The residual oil was subjected to column chromatography over silica gel to afford pure propargylated compound as an oil.

A mixture of the above acetylene intermediate (656 mg, 2.06 mmol), (4-iodopyridin-3-yl)-carbamic acid *tert*-butyl ester (600 mg, 1.87 mmol) (see T.A. Kelly *et al.*, J. Org. Chem., 1995, 60, 1877), bis(triphenylphosphine)palladium(II) chloride catalyst (72 mg, 0.1 mmol) and copper (I) iodide (39 mg, 0.2 mmol) in anhydrous triethylamine (6 mL) and dry DMF (1 mL) was stirred at room temperature for 20 hours. The reaction mixture was then diluted with 50

mL of ether and washed with 20 mL of aqueous saturated ammonium chloride solution and 20 mL of brine. The organic layer was dried over magnesium sulfate and concentrated *in vacuo*. Column chromatography over silica gel with hexanes-EtOAc (5:1 to 1:1) provided {4-[6-(5-fluoro-2-methoxyphenyl)-4-hydroxy-6-methyl-4-trifluoromethylhept-1-ynyl]pyridin-3-yl}carbamic acid *tert*-butyl ester as a foam.

The above *tert*-butyl ester (480 mg, 0.94 mmol) was treated with a hydrogen chloride solution (2M in ether, 15 mL) and stirred at room temperature for 6 hours. Then the solution was concentrated *in vacuo* to yield the crude amine as oil, which was crashed out with hexanes to give the amine a yellow solid.

To the above crude amine product (742 mg, 1.81 mmol) in anhydrous 1-methyl-2-pyrrolidinone (NMP) (7 mL) was added *t*-BuOK (449 mg, 112 mmol) and the reaction mixture was stirred under an argon atmosphere at room temperature for 24 hours. The mixture was diluted with 30 mL of ether and washed with four 10 mL portions of water, and the combined aqueous layers were re-extracted with 20 mL of ether, while the combined organic layers were washed with 10 mL of brine, dried over magnesium sulfate, and concentrated *in vacuo*. The residual oil was subjected to column chromatography over silica gel (methylene chloride-1% to 10% MeOH) to afford 1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol as yellowish crystals.

Resolution to the (+)- and (-)-enantiomers was accomplished by chiral HPLC on a CHIRALCEL™ OD column, eluting with 15% to 25% isopropanol-hexanes.

Assessment of Biological Properties

Compounds of the invention were evaluated for binding to the steroid receptor by a fluorescence polarization competitive binding assay. Detailed descriptions for preparation of recombinant glucocorticoid receptor (GR) complex used in the assay is described in U.S. provisional application No. 60/291,877, filed May 18, 2001, and incorporated herein by reference in its entirety. Preparation of the tetramethyl rhodamine (TAMRA)-labeled dexamethasone probe was accomplished using a standard literature procedure (M. Pons *et al.*, J. Steroid Biochem., 1985, 22, pp. 267-273).

A. Glucocorticoid Receptor Competitive Binding Assay

Step 1. Characterization of the Fluorescent Probe

The wavelengths for maximum excitation and emission of the fluorescent probe should first be measured. An example of such a probe is rhodamine (TAMRA)-labeled dexamethasone.

The affinity of the probe for the steroid receptor was then determined in a titration experiment. The fluorescence polarization value of the probe in assay buffer was measured on an SLM-8100 fluorometer using the excitation and emission maximum values described above. Aliquots of expression vector lysate were added and fluorescence polarization was measured after each addition until no further change in polarization value was observed. Non-linear least squares regression analysis was used to calculate the dissociation constant of the probe from the polarization values obtained for lysate binding to the probe.

Step 2. Screening for Inhibitors of Probe Binding

This assay uses fluorescence polarization (FP) to quantitate the ability of test compounds to compete with tetramethyl rhodamine (TAMRA)-labeled dexamethasone for binding to a human glucocorticoid receptor (GR) complex prepared from an insect expression system. The assay buffer was: 10 mM TES, 50 mM KCl, 20 mM $Na_2MoO_4 \cdot 2H_2O$, 1.5 mM EDTA, 0.04% w/v CHAPS, 10% v/v glycerol, 1 mM dithiothreitol, pH 7.4. Test compounds were dissolved to 1 mM in neat DMSO and then further diluted to 10x assay concentration in assay buffer supplemented with 10% v/v DMSO. Test compounds were serially diluted at 10x assay concentrations in 10% DMSO-containing buffer in 96-well polypropylene plates. Binding reaction mixtures were prepared in 96-well black Dynex microtiter plates by sequential addition of the following assay components to each well: 15 µL of 10x test compound solution, 85 µL of GR-containing baculovirus lysate diluted 1:170 in assay buffer, and 50 µL of 15 nM TAMRA-labeled dexamethasone. Positive controls were reaction mixtures containing no test compound; negative controls (blanks) were reaction mixtures containing 0.7 µM to 2 µM dexamethasone. The binding reactions were incubated for 1 hour at room temperature and then read for fluorescence polarization in the LJL Analyst set to 550 nm excitation and 580 nm emission, with the Rhodamine 561 dichroic mirror installed. IC_{50} values were determined by iterative non-linear curve fitting of the FP signal data to a 4-parameter logistic equation.

Compounds found to bind to the glucocorticoid receptor may be evaluated for binding to the progesterone receptor (PR), estrogen receptor (ER), and mineralocorticoid receptors (MR) to evaluate the compound's selectivity for GR. The protocols for PR and MR are identical to the above GR method, with the following exceptions: PR insect cell lysate is diluted 1:7.1 and MR lysate diluted 1:9.4. PR probe is TAMRA-labeled mifepristone, used at a final concentration of 5 nM in the assay, and the negative controls (blanks) were reactions containing mifepristone at 0.7 μM to 2 μM.

The ER protocol is similar to the above protocols, but uses PanVera kit receptor, fluorescein-labeled probe. The assay components are made in the same volumes as above, to produce final assay concentrations for ER of 15 nM and ES2 probe of 1 nM. In addition, the component order of addition is modified from the above assays: probe is added to the plate first, followed by receptor and test compound. The plates are read in the LJL Analyst set to 485 nm excitation and 530 nm emission, with the Fluorescein 505 dichroic mirror installed.

Compounds found to bind to the glucocorticoid receptor may be evaluated for dissociation of transactivation and transrepression by assays cited in the Background of the Invention (C.M. Bamberger and H.M. Schulte, Eur. J. Clin. Invest., 2000, 30 (suppl. 3) 6-9) or by the assays described below.

B. Glucocorticoid Receptor Cell Assays

1. Induction of Aromatase in Fibroblasts (Cell Assay for Transactivation)

Dexamethasone, a synthetic ligand to the glucocorticoid receptor (GR), induces expression of aromatase in human foreskin fibroblast cells. The activity of aromatase is measured by the conversion of testosterone to estradiol in culture media. Compounds that exhibit binding to GR are evaluated for their ability to induce aromatase activity in human foreskin fibroblasts.

Human foreskin fibroblast cells (ATCC Cat. No. CRL-2429, designation CCD112SK) are plated on 96 well plates at 50,000 cells per well 5 days before use, in Iscove's Modified Dulbecco's Media (GibcoBRL Life Technologies Cat No. 12440-053) supplemented with 10% charcoal filtered FBS (Clonetech Cat No. SH30068) and Gentamycin (GibcoBRL Life

Technologies Cat. No. 15710-064). On the day of the experiment, the media in the wells is replaced with fresh media. Cells are treated with test compounds to final concentrations of 10^{-5} M to 10^{-8} M, and testosterone to a final concentration of 300 ng/mL. Each well has a total volume of 100 μL. Samples are made in duplicates. Control wells include: (a) wells that receive testosterone only, and (b) wells that receive testosterone plus 2 μM of dexamethasone to provide maximum induction of aromatase. Plates are incubated at 37°C overnight (15 to 18 hours), and supernatants are harvested at the end of incubation. Estradiol in the supernatant is measured using ELISA kits for estradiol (made by ALPCO, obtained from American Laboratory Products Cat. No. 020-DR-2693) according to the manufacture's instruction. The amount of estradiol is inversely proportional to the ELISA signals in each well. The extent of aromatase induction by test compounds is expressed as a relative percentage to dexamethasone. EC_{50} values of test compounds are derived by non-linear curve fitting.

2. Inhibition of IL-6 Production in Fibroblasts (Cell Assay for Transrepression)

Human foreskin fibroblast cells produce IL-6 in response to stimulation by pro-inflammatory cytokine IL-1. This inflammatory response, as measured by the production of IL-6, can be effectively inhibited by dexamethasone, a synthetic ligand to the glucocorticoid receptor (GR). Compounds that exhibit binding to GR are evaluated for their ability to inhibit IL-6 production in human foreskin fibroblasts.

Human foreskin fibroblast cells (ATCC Cat. No. CRL-2429) are plated on 96 well plates at 5,000 cells per well the day before use, in Iscove's Modified Dulbecco's Media (GibcoBRL Life Technologies Cat. No. 12440-053) supplemented with 10% charcoal filtered FBS (Clonetech Cat. No. SH30068) and Gentamycin (GibcoBRL Life Technologies Cat. No. 15710-064). On the next day, media in the wells is replaced with fresh media. Cells are treated with IL-1 (rhIL-1α, R&D Systems Cat. No. 200-LA) to a final concentration of 1 ng/mL, and with test compounds to final concentrations of 10^{-5} M to 10^{-8} M, in a total volume of 200 μL per well. Samples are done in duplicates. Background control wells do not receive test compounds or IL-1. Positive control wells receive IL-1 only and represent maximum (or 100%) amount of IL-6 production. Plates are incubated at 37°C overnight (15 to 18 hours), and supernatants are harvested at the end of incubation. IL-6 levels in the supernatants are determined by the ELISA kits for IL-6 (MedSystems Diagnostics GmbH, Vienna, Austria, Cat. No. BMS213TEN)

according to manufacture's instructions. The extent of inhibition of IL-6 by test compounds is expressed in percentage relative to positive controls. IC_{50} values of test compounds are derived by non-linear curve fitting.

Evaluation of agonist or antagonist activity of compounds binding to the glucocorticoid receptor may be determined by any of the assays.

3. Modulation of Tyrosine Aminotransferase (TAT) Induction in Rat Hepatoma Cells

Testing of compounds for agonist or antagonist activity in induction of tyrosine aminotransferase (TAT) in rat hepatoma cells.

H4-II-E-C3 cells were incubated overnight in 96 well plates (20,000 cells/100 µL/well) in MEM medium containing 10% heat inactivated FBS and 1% nonessential amino acids. On the next day, cells were stimulated with the indicated concentrations of dexamethasone or test compound (dissolved in DMSO, final DMSO concentration 0.2%) for 18 hours. Control cells were treated with 0.2% DMSO. After 18 hours, the cells were lysed in a buffer containing 0.1% Triton X-100 and the TAT activity was measured in a photometric assay using tyrosine and alpha-ketoglutarate as substrates.

For measuring antagonist activity, the hepatoma cells were pre-stimulated by addition of dexamethasone (concentration ranges from 3 x 10^{-9} M to 3 x 10^{-8} M) shortly before the test compound was applied to the cells. The steroidal non-selective GR/PR antagonist mifepristone was used as control.

4. Modulation of MMTV-Luc Induction in HeLa Cells

Testing of compounds for agonist or antagonist activity in stimulation of MMTV-(mouse mammary tumor virus) promoter in HeLa cells.

HeLa cells were stably co-transfected with the pHHLuc-plasmid containing a fragment of the MMTV-LTR (-200 to +100 relative to the transcription start site) cloned in front of the luciferase gene (Norden, 1988) and the pcDNA3.1 plasmid (Invitrogen) constitutively

expressing the resistance for the selective antibiotic GENETICIN®. Clones with best induction of the MMTV-promoter were selected and used for further experiments.

Cells were cultured overnight in DMEM medium without phenol red, supplemented with 3% CCS (charcoal treated calf serum) and then transferred to 96 well plates (15,000 cells/100 µL/well). On the next day, activation of the MMTV-promoter was stimulated by addition of test compound or dexamethasone dissolved in DMSO (final concentration 0.2%). Control cells were treated with DMSO only. After 18 hours, the cells were lysed with cell lysis reagent (Promega, Cat. No. E1531), luciferase assay reagent (Promega, Cat. No. E1501) was added and the glow luminescence was measured using a luminometer (BMG, Offenburg).

For measuring antagonist activity, the MMTV-promoter was pre-stimulated by adding dexamethasone (3 x 10^{-9} M to 3 x 10^{-8} M) shortly before the test compound was applied to the cells. The steroidal non-selective GR/PR antagonist mifepristone was used as control.

5. Modulation of IL-8 Production in U937 Cells

Testing of compounds for agonist or antagonist activity in GR-mediated inhibition of LPS-induced IL-8 secretion in U-937 cells.

U-937 cells were incubated for 2 to 4 days in RPMI1640 medium containing 10% CCS (charcoal treated calf serum). The cells were transferred to 96 well plates (40,000 cells/100 µL/well) and stimulated with 1 µg/mL LPS (dissolved in PBS) in the presence or absence of dexamethasone or test compound (dissolved in DMSO, final concentration 0.2%). Control cells were treated with 0.2% DMSO. After 18 hours, the IL-8 concentration in the cell supernatant was measured by ELISA, using the "OptEIA human IL-8 set" (Pharmingen, Cat. No. 2654KI).

For measuring antagonist activity, the LPS-induced IL-8 secretion was inhibited by adding dexamethasone (3 x 10^{-9} M to 3 x 10^{-8} M) shortly before the test compound was applied to the cells. The steroidal non-selective GR/PR antagonist mifepristone was used as control.

6. Modulation of ICAM-Luc Expression in HeLa Cells

Testing of compounds for agonist or antagonist activity in inhibition of TNF-alpha-induced activation of the ICAM-promoter in HeLa cells.

HeLa cells were stably co-transfected with a plasmid containing a 1.3 kb fragment of the human ICAM-promoter (-1353 to -9 relative to the transcription start site, Ledebur and Parks, 1995) cloned in front of the luciferase gene and the pcDNA3.1 plasmid (Invitrogen) which constitutively expresses the resistance for the antibiotic GENETICIN®. Clones with best induction of the ICAM-promoter were selected and used for further experiments. Cells were transferred to 96 well plates (15,000 cells/100 µL/well) in DMEM medium supplemented with 3% CCS. On the following day the activation of the ICAM-promoter was induced by addition of 10 ng/mL recombinant TNF-alpha (R&D System, Cat. No. 210-TA). Simultaneously the cells were treated with the test compound or dexamethasone (dissolved in DMSO, final concentration 0.2%). Control cells were treated with DMSO only. After 18 hours, the cells were lysed with cell lysis reagent (Promega, Cat. No. E1531), luciferase assay reagent (Promega, Cat. No. E1501) was added and glow luminescence was measured using a luminometer (BMG, Offenburg).

For measuring antagonist activity, the TNF-alpha-induced activation of the ICAM-promoter was inhibited by adding dexamethasone (3×10^{-9} M to 3×10^{-8} M) shortly before the test compound was applied to the cells. The steroidal non-selective GR/PR antagonist mifepristone was used as control.

In general, the preferred potency range in the above assays is between 0.1 nM and 10 µM, the more preferred potency range is 0.1 nM to 1 µM, and the most preferred potency range is 0.1 nM to 100 nM.

Representative compounds of the invention have been tested and have shown activity as modulators of the glucocorticoid receptor function in one or more of the above assays. For example, the following compounds of the invention of Formula (IA) have demonstrated potent activity in the GR binding assay:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol;

4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-bromopyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-Ethyl-6-[4,4,4-trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*p*-tolylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol;

4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1 *H*-indole-3-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile; and

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile.

The following compounds of the invention of Formula (IB) have demonstrated potent activity in the GR binding assay:

5-(5-Fluoro-2-methoxyphenyl)-3-(benzimidazol-2-ylmethyl)-2,2,5-trimethylhexan-3-ol;

4-(5-Fluoro-2-methoxyphenyl)-1-fluoro-2-(indol-2-ylmethyl)-4-methylpentan-3-ol;

1-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-2-(indol-2-ylmethyl)-4-methylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-2,5-dimethylhexan-3-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-5-methylhexan-3-ol; and

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol.

In addition, the following compounds of the invention of Formula (IA) have been tested and have shown activity as potent agonists of the glucocorticoid receptor function in one or more of the above assays:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;
2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile; and

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile.

The following compounds of the invention of Formula (IB) have been tested and have shown activity as agonists of the glucocorticoid receptor function in one or more of the above assays:

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol; and

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol.

The invention also provides methods of modulating the glucocorticoid receptor function in a patient comprising administering to the patient a compound according to the invention. If the purpose of modulating the glucocorticoid receptor function in a patient is to treat a disease-state or condition, the administration preferably comprises a therapeutically or pharmaceutically effective amount of a pharmaceutically acceptable compound according to the invention. If the purpose of modulating the glucocorticoid receptor function in a patient is for a diagnostic or other purpose (e.g., to determine the patient's suitability for therapy or sensitivity to various

sub-therapeutic doses of the compounds according to the invention), the administration preferably comprises an effective amount of a compound according to the invention, that is, the amount necessary to obtain the desired effect or degree of modulation.

Methods of Therapeutic Use

As pointed out above, the compounds of the invention are useful in modulating the glucocorticoid receptor function. In doing so, these compounds have therapeutic use in treating disease-states and conditions mediated by the glucocorticoid receptor function or that would benefit from modulation of the glucocorticoid receptor function.

As the compounds of the invention modulate the glucocorticoid receptor function, they have very useful anti-inflammatory and antiallergic, immune-suppressive, and anti-proliferative activity and they can be used in patients as drugs, particularly in the form of pharmaceutical compositions as set forth below, for the treatment of disease-states and conditions.

The agonist compounds according to the invention can be used in patients as drugs for the treatment of the following disease-states or indications that are accompanied by inflammatory, allergic, and/or proliferative processes:

(i) Lung diseases: chronic, obstructive lung diseases of any genesis, particularly bronchial asthma and chronic obstructive pulmonary disease (COPD); adult respiratory distress syndrome (ARDS); bronchiectasis; bronchitis of various genesis; all forms of restrictive lung diseases, particularly allergic alveolitis; all forms of lung edema, particularly toxic lung edema; all forms of interstitial lung diseases of any genesis, e.g., radiation pneumonitis; and sarcoidosis and granulomatoses, particularly Boeck disease.

(ii) Rheumatic diseases or autoimmune diseases or joint diseases: all forms of rheumatic diseases, especially rheumatoid arthritis, acute rheumatic fever, and polymyalgia rheumatica; reactive arthritis; rheumatic soft tissue diseases; inflammatory soft tissue diseases of other genesis; arthritic symptoms in degenerative joint diseases (arthroses); traumatic arthritis; collagenoses of any genesis, e.g., systemic lupus erythematosus, scleroderma, polymyositis, dermatomyositis, Sjögren syndrome, Still disease, and Felty syndrome;

(iii) Allergic diseases: all forms of allergic reactions, e.g., angioneurotic edema, hay fever, insect bites, allergic reactions to drugs, blood derivatives, contrast agents, etc., anaphylactic shock (anaphylaxis), urticaria, angioneurotic edema, and contact dermatitis;

(iv) Vasculitis diseases: panarteritis nodosa, polyarteritis nodosa, arteritis temporalis, Wegner granulomatosis, giant cell arthritis, and erythema nodosum;

(v) Dermatological diseases: atopic dermatitis, particularly in children; psoriasis; pityriasis rubra pilaris; erythematous diseases triggered by various noxa, e.g., rays, chemicals, burns, etc.; bullous dermatoses; diseases of the lichenoid complex; pruritus (e.g., of allergic genesis); seborrheic dermatitis; rosacea; pemphigus vulgaris; erythema multiforme exudativum; balanitis; vulvitis; hair loss, such as occurs in alopecia areata; and cutaneous T cell lymphomas;

(vi) Renal diseases: nephrotic syndrome; and all types of nephritis, e.g., glomerulonephritis;

(vii) Hepatic diseases: acute liver cell disintegration; acute hepatitis of various genesis, e.g., viral, toxic, drug-induced; and chronically aggressive and/or chronically intermittent hepatitis;

(viii) Gastrointestinal diseases: inflammatory bowel diseases, e.g., regional enteritis (Crohn disease), colitis ulcerosa; gastritis; peptic esophagitis (refluxoesophagitis); and gastroenteritis of other genesis, e.g., nontropical sprue;

(ix) Proctological diseases: anal eczema; fissures; hemorrhoids; and idiopathic proctitis;

(x) Eye diseases: allergic keratitis, uveitis, or iritis; conjunctivitis; blepharitis; neuritis nervi optici; choroiditis; and sympathetic ophthalmia;

(xi) Diseases of the ear, nose, and throat (ENT) area: allergic rhinitis or hay fever; otitis externa, e.g., caused by contact eczema, infection, etc.; and otitis media;

(xii) Neurological diseases: brain edema, particularly tumor-related brain edema; multiple sclerosis; acute encephalomyelitis; meningitis; acute spinal cord injury; stroke; and various forms of seizures, e.g., nodding spasms;

(xiii) Blood diseases: acquired hemolytic anemia; and idiopathic thrombocytopenia;

(xiv) Tumor diseases: acute lymphatic leukemia; malignant lymphoma; lymphogranulomatoses; lymphosarcoma; extensive metastases, particularly in mammary, bronchial, and prostatic carcinoma;

(xv) Endocrine diseases: endocrine ophthalmopathy; endocrine orbitopathia; thyrotoxic crisis; Thyroiditis de Quervain; Hashimoto thyroiditis; Morbus Basedow; granulomatous thyroiditis; struma lymphomatosa; and Grave disease;

(xvi) Organ and tissue transplantations and graft-versus-host diseases;

(xvii) Severe states of shock, e.g., septic shock, anaphylactic shock, and systemic inflammatory response syndrome (SIRS);

(xviii) Substitution therapy in: congenital primary adrenal insufficiency, e.g., adrenogenital syndrome; acquired primary adrenal insufficiency, e.g., Addison disease, autoimmune adrenalitis, post-infection, tumors, metastases, etc.; congenital secondary adrenal insufficiency, e.g., congenital hypopituitarism; and acquired secondary adrenal insufficiency, e.g., post-infection, tumors, metastases, etc.;

(xix) Pain of inflammatory genesis, e.g., lumbago; and

(xx) various other disease-states or conditions including type I diabetes (insulin-dependent diabetes), osteoarthritis, Guillain-Barre syndrome, restenosis following percutaneous transluminal coronary angioplasty, Alzheimer disease, acute and chronic pain, atherosclerosis, reperfusion injury, bone resorption diseases, congestive heart failure, myocardial infarction, thermal injury, multiple organ injury secondary to trauma, acute purulent meningitis, necrotizing enterocolitis and syndromes associated with hemodialysis, leukopheresis, and granulocyte transfusion.

In addition, the compounds according to the invention can be used for the treatment of any other disease-states or conditions not mentioned above which have been treated, are treated, or will be treated with synthetic glucocorticoids (see, e.g., H.J. Hatz, Glucocorticoide: Immunologische Grundlagen, Pharmakologie und Therapierichtlinien [Glucocorticoids: Immunological Fundamentals, Pharmacology, and Therapeutic Guidelines], Stuttgart: Verlagsgesellschaft mbH, 1998, which is hereby incorporated by reference in its entirety). Most or all of the indications (i) through (xx) mentioned above are described in detail in H.J. Hatz, Glucocorticoide: Immunologische Grundlagen, Pharmakologie und Therapierichtlinien. Furthermore, the compounds of the invention can also be used to treat disorders other than those listed above or mentioned or discussed herein, including in the Background of the Invention.

The antagonist compounds according to the invention, whether full antagonists or partial antagonists, can be used in patients as drugs for the treatment of the following disease-states or indications, without limitation: type II diabetes (non-insulin-dependent diabetes); obesity; cardiovascular diseases; hypertension; arteriosclerosis; neurological diseases, such as psychosis and depression; adrenal and pituitary tumors; glaucoma; and Cushing syndrome based on an ACTH secreting tumor like pituitary adenoma. In particular, the compounds of the invention are useful for treating obesity and all disease-states and indications related to a deregulated fatty acids metabolism such as hypertension, atherosclerosis, and other cardiovascular diseases. Using the compounds of the invention that are GR antagonists, it should be possible to antagonize both the carbohydrate metabolism and fatty acids metabolism. Thus, the antagonist compounds of the invention are useful in treating all disease-states and conditions that involve increased carbohydrate, protein, and lipid metabolism and would include disease-states and conditions leading to catabolism like muscle frailty (as an example of protein metabolism).

Methods of Diagnostic Use

The compounds of the invention may also be used in diagnostic applications and for commercial and other purposes as standards in competitive binding assays. In such uses, the compounds of the invention may be used in the form of the compounds themselves or they may be modified by attaching a radioisotope, luminescence, fluorescent label or the like in order to obtain a radioisotope, luminescence, or fluorescent probe, as would be known by one of skill in the art and as outlined in Handbook of Fluorescent Probes and Research Chemicals, 6th Edition, R.P. Haugland (ed.), Eugene: Molecular Probes, 1996; Fluorescence and Luminescence Probes for Biological Activity, W.T. Mason (ed.), San Diego: Academic Press, 1993; Receptor-Ligand Interaction, A Practical Approach, E.C. Hulme (ed.), Oxford: IRL Press, 1992, each of which is hereby incorporated by reference in their entireties.

General Administration and Pharmaceutical Compositions

When used as pharmaceuticals, the compounds of the invention are typically administered in the form of a pharmaceutical composition. Such compositions can be prepared using procedures well known in the pharmaceutical art and comprise at least one compound of the invention. The compounds of the invention may also be administered alone or in combination with adjuvants that enhance stability of the compounds of the invention, facilitate

administration of pharmaceutical compositions containing them in certain embodiments, provide increased dissolution or dispersion, increased inhibitory activity, provide adjunct therapy, and the like. The compounds according to the invention may be used on their own or in conjunction with other active substances according to the invention, optionally also in conjunction with other pharmacologically active substances. In general, the compounds of this invention are administered in a therapeutically or pharmaceutically effective amount, but may be administered in lower amounts for diagnostic or other purposes.

In particular, the compounds of the invention are useful in combination with glucocorticoids or corticosteroids. As pointed out above, standard therapy for a variety of immune and inflammatory disorders includes administration of corticosteroids, which have the ability to suppress immunologic and inflammatory responses. (A.P. Truhan *et al.*, Annals of Allergy, 1989, 62, pp. 375-391; J.D. Baxter, Hospital Practice, 1992, 27, pp. 111-134; R.P. Kimberly, Curr. Opin. Rheumatol., 1992, 4, pp. 325-331; M.H. Weisman, Curr. Opin. Rheumatol., 1995, 7, pp. 183-190; W. Sterry, Arch. Dermatol. Res., 1992, 284 (Suppl.), pp. S27-S29). While therapeutically beneficial, however, the use of corticosteroids is associated with a number of side effects, ranging from mild to possibly life threatening, especially with prolonged and/or high dose steroid usage. Accordingly, methods and compositions that enable the use of a lower effective dosage of corticosteroids (referred to as the "steroid sparing effect") would be highly desirable to avoid unwanted side effects. The compounds of the invention provide such a steroid sparing effect by achieving the desired therapeutic effect while allowing the use of lower doses and less frequent administration of glucocorticoids or corticosteroids.

Administration of the compounds of the invention, in pure form or in an appropriate pharmaceutical composition, can be carried out using any of the accepted modes of administration of pharmaceutical compositions. Thus, administration can be, for example, orally, buccally (e.g., sublingually), nasally, parenterally, topically, transdermally, vaginally, or rectally, in the form of solid, semi-solid, lyophilized powder, or liquid dosage forms, such as, for example, tablets, suppositories, pills, soft elastic and hard gelatin capsules, powders, solutions, suspensions, or aerosols, or the like, preferably in unit dosage forms suitable for simple administration of precise dosages. The pharmaceutical compositions will generally include a conventional pharmaceutical carrier or excipient and a compound of the invention as

the/an active agent, and, in addition, may include other medicinal agents, pharmaceutical agents, carriers, adjuvants, diluents, vehicles, or combinations thereof. Such pharmaceutically acceptable excipients, carriers, or additives as well as methods of making pharmaceutical compositions for various modes or administration are well-known to those of skill in the art. The state of the art is evidenced, e.g., by Remington: The Science and Practice of Pharmacy, 20th Edition, A. Gennaro (ed.), Lippincott Williams & Wilkins, 2000; Handbook of Pharmaceutical Additives, Michael & Irene Ash (eds.), Gower, 1995; Handbook of Pharmaceutical Excipients, A.H. Kibbe (ed.), American Pharmaceutical Ass'n, 2000; H.C. Ansel and N.G. Popovish, Pharmaceutical Dosage Forms and Drug Delivery Systems, 5th ed., Lea and Febiger, 1990; each of which is incorporated herein by reference in their entireties to better describe the state of the art.

As one of skill in the art would expect, the forms of the compounds of the invention utilized in a particular pharmaceutical formulation will be selected (e.g., salts) that possess suitable physical characteristics (e.g., water solubility) that is required for the formulation to be efficacious.

Pharmaceutical compositions suitable for buccal (sub-lingual) administration include lozenges comprising a compound of the present invention in a flavored base, usually sucrose, and acacia or tragacanth, and pastilles comprising the compound in an inert base such as gelatin and glycerin or sucrose and acacia.

Pharmaceutical compositions suitable for parenteral administration comprise sterile aqueous preparations of a compound of the present invention. These preparations are preferably administered intravenously, although administration can also be effected by means of subcutaneous, intramuscular, or intradermal injection. Injectable pharmaceutical formulations are commonly based upon injectable sterile saline, phosphate-buffered saline, oleaginous suspensions, or other injectable carriers known in the art and are generally rendered sterile and isotonic with the blood. The injectable pharmaceutical formulations may therefore be provided as a sterile injectable solution or suspension in a nontoxic parenterally acceptable diluent or solvent, including 1,3-butanediol, water, Ringer's solution, isotonic sodium chloride solution, fixed oils such as synthetic mono- or diglycerides, fatty acids such as oleic acid, and the like.

Such injectable pharmaceutical formulations are formulated according to the known art using suitable dispersing or setting agents and suspending agents. Injectable compositions will generally contain from 0.1 to 5% w/w of a compound of the invention.

Solid dosage forms for oral administration of the compounds include capsules, tablets, pills, powders, and granules. For such oral administration, a pharmaceutically acceptable composition containing a compound(s) of the invention is formed by the incorporation of any of the normally employed excipients, such as, for example, pharmaceutical grades of mannitol, lactose, starch, pregelatinized starch, magnesium stearate, sodium saccharine, talcum, cellulose ether derivatives, glucose, gelatin, sucrose, citrate, propyl gallate, and the like. Such solid pharmaceutical formulations may include formulations, as are well-known in the art, to provide prolonged or sustained delivery of the drug to the gastrointestinal tract by any number of mechanisms, which include, but are not limited to, pH sensitive release from the dosage form based on the changing pH of the small intestine, slow erosion of a tablet or capsule, retention in the stomach based on the physical properties of the formulation, bioadhesion of the dosage form to the mucosal lining of the intestinal tract, or enzymatic release of the active drug from the dosage form.

Liquid dosage forms for oral administration of the compounds include emulsions, microemulsions, solutions, suspensions, syrups, and elixirs, optionally containing pharmaceutical adjuvants in a carrier, such as, for example, water, saline, aqueous dextrose, glycerol, ethanol and the like. These compositions can also contain additional adjuvants such as wetting, emulsifying, suspending, sweetening, flavoring, and perfuming agents.

Topical dosage forms of the compounds include ointments, pastes, creams, lotions, gels, powders, solutions, sprays, inhalants, eye ointments, eye or ear drops, impregnated dressings and aerosols, and may contain appropriate conventional additives such as preservatives, solvents to assist drug penetration and emollients in ointments and creams. Topical application may be once or more than once per day depending upon the usual medical considerations. Furthermore, preferred compounds for the present invention can be administered in intranasal form via topical use of suitable intranasal vehicles. The formulations may also contain compatible conventional carriers, such as cream or ointment bases and ethanol or oleyl alcohol

for lotions. Such carriers may be present as from about 1% up to about 98% of the formulation, more usually they will form up to about 80% of the formulation.

Transdermal administration is also possible. Pharmaceutical compositions suitable for transdermal administration can be presented as discrete patches adapted to remain in intimate contact with the epidermis of the recipient for a prolonged period of time. To be administered in the form of a transdermal delivery system, the dosage administration will, of course, be continuous rather than intermittent throughout the dosage regimen. Such patches suitably contain a compound of the invention in an optionally buffered, aqueous solution, dissolved and/or dispersed in an adhesive, or dispersed in a polymer. A suitable concentration of the active compound is about 1% to 35%, preferably about 3% to 15%.

For administration by inhalation, the compounds of the invention are conveniently delivered in the form of an aerosol spray from a pump spray device not requiring a propellant gas or from a pressurized pack or a nebulizer with the use of a suitable propellant, e.g., dichlorodifluoromethane, trichlorofluoromethane, dichlorotetrafluoroethane, tetrafluoroethane, heptafluoropropane, carbon dioxide, or other suitable gas. In any case, the aerosol spray dosage unit may be determined by providing a valve to deliver a metered amount so that the resulting metered dose inhaler (MDI) is used to administer the compounds of the invention in a reproducible and controlled way. Such inhaler, nebulizer, or atomizer devices are known in the prior art, for example, in PCT International Publication Nos. WO 97/12687 (particularly Figure 6 thereof, which is the basis for the commercial RESPIMAT® nebulizer); WO 94/07607; WO 97/12683; and WO 97/20590, to which reference is hereby made and each of which is incorporated herein by reference in their entireties.

Rectal administration can be effected utilizing unit dose suppositories in which the compound is admixed with low-melting water-soluble or insoluble solids such as fats, cocoa butter, glycerinated gelatin, hydrogenated vegetable oils, mixtures of polyethylene glycols of various molecular weights, or fatty acid esters of polyethylene glycols, or the like. The active compound is usually a minor component, often from about 0.05 to 10% by weight, with the remainder being the base component.

In all of the above pharmaceutical compositions, the compounds of the invention are formulated with an acceptable carrier or excipient. The carriers or excipients used must, of course, be acceptable in the sense of being compatible with the other ingredients of the composition and must not be deleterious to the patient. The carrier or excipient can be a solid or a liquid, or both, and is preferably formulated with the compound of the invention as a unit-dose composition, for example, a tablet, which can contain from 0.05% to 95% by weight of the active compound. Such carriers or excipients include inert fillers or diluents, binders, lubricants, disintegrating agents, solution retardants, resorption accelerators, absorption agents, and coloring agents. Suitable binders include starch, gelatin, natural sugars such as glucose or β-lactose, corn sweeteners, natural and synthetic gums such as acacia, tragacanth or sodium alginate, carboxymethylcellulose, polyethylene glycol, waxes, and the like. Lubricants include sodium oleate, sodium stearate, magnesium stearate, sodium benzoate, sodium acetate, sodium chloride, and the like. Disintegrators include starch, methyl cellulose, agar, bentonite, xanthan gum, and the like.

Generally, a therapeutically effective daily dose is from about 0.001 mg to about 15 mg/kg of body weight per day of a compound of the invention; preferably, from about 0.1 mg to about 10 mg/kg of body weight per day; and most preferably, from about 0.1 mg to about 1.5 mg/kg of body weight per day. For example, for administration to a 70 kg person, the dosage range would be from about 0.07 mg to about 1050 mg per day of a compound of the invention, preferably from about 7.0 mg to about 700 mg per day, and most preferably from about 7.0 mg to about 105 mg per day. Some degree of routine dose optimization may be required to determine an optimal dosing level and pattern.

Pharmaceutically acceptable carriers and excipients encompass all the foregoing additives and the like.

Examples of Pharmaceutical Formulations

A. TABLETS	
Component	**Amount per tablet (mg)**
active substance	100
lactose	140
corn starch	240
polyvinylpyrrolidone	15
magnesium stearate	5
TOTAL	500

The finely ground active substance, lactose, and some of the corn starch are mixed together. The mixture is screened, then moistened with a solution of polyvinylpyrrolidone in water, kneaded, wet-granulated and dried. The granules, the remaining corn starch and the magnesium stearate are screened and mixed together. The mixture is compressed to produce tablets of suitable shape and size.

B. TABLETS	
Component	**Amount per tablet (mg)**
active substance	80
lactose	55
corn starch	190
polyvinylpyrrolidone	15
magnesium stearate	2
microcrystalline cellulose	35
sodium-carboxymethyl starch	23
TOTAL	400

The finely ground active substance, some of the corn starch, lactose, microcrystalline cellulose, and polyvinylpyrrolidone are mixed together, the mixture is screened and worked with the remaining corn starch and water to form a granulate which is dried and screened. The sodium-

carboxymethyl starch and the magnesium stearate are added and mixed in and the mixture is compressed to form tablets of a suitable size.

C. COATED TABLETS	
Component	**Amount per tablet (mg)**
active substance	5
lactose	30
corn starch	41.5
polyvinylpyrrolidone	3
magnesium stearate	0.5
TOTAL	90

The active substance, corn starch, lactose, and polyvinylpyrrolidone are thoroughly mixed and moistened with water. The moist mass is pushed through a screen with a 1 mm mesh size, dried at about 45°C and the granules are then passed through the same screen. After the magnesium stearate has been mixed in, convex tablet cores with a diameter of 6 mm are compressed in a tablet-making machine. The tablet cores thus produced are coated in known manner with a covering consisting essentially of sugar and talc. The finished coated tablets are polished with wax.

D. CAPSULES	
Component	**Amount per capsule (mg)**
active substance	50
corn starch	268.5
magnesium stearate	1.5
TOTAL	320

The substance and corn starch are mixed and moistened with water. The moist mass is screened and dried. The dry granules are screened and mixed with magnesium stearate. The finished mixture is packed into size 1 hard gelatine capsules.

E. AMPOULE SOLUTION	
Component	**Amount per ampoule**
active substance	50 mg
sodium chloride	50 mg
water for inj.	5 mL

The active substance is dissolved in water at its own pH or optionally at pH 5.5 to 6.5 and sodium chloride is added to make it isotonic. The solution obtained is filtered free from pyrogens and the filtrate is transferred under aseptic conditions into ampoules which are then sterilized and sealed by fusion. The ampoules contain 5 mg, 25 mg, and 50 mg of active substance.

F. SUPPOSITORIES	
Component	**Amount per suppository (mg)**
active substance	50
solid fat	1650
TOTAL	1700

The hard fat is melted. At 40°C, the ground active substance is homogeneously dispersed therein. The mixture is cooled to 38°C and poured into slightly chilled suppository molds.

G. METERING AEROSOL	
Component	**Amount**
active substance	0.005
sorbitan trioleate	0.1
monofluorotrichloromethane and difluorodichloromethane (2:3)	to 100

The suspension is transferred into a conventional aerosol container with a metering valve. Preferably, 50 μL of suspension are delivered per spray. The active substance may also be metered in higher doses if desired (e.g., 0.02% by weight).

H. POWDER FOR INHALATION	
Component	**Amount**
active substance	1.0 mg
lactose monohydrate	to 25 mg

I. POWDER FOR INHALATION	
Component	**Amount**
active substance	2.0 mg
lactose monohydrate	to 25 mg

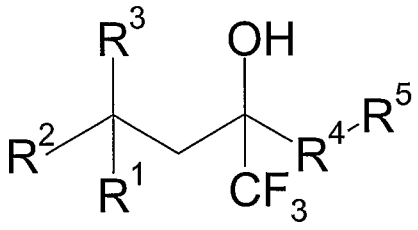
J. POWDER FOR INHALATION	
Component	**Amount**
active substance	1.0 mg
lactose monohydrate	to 5 mg

K. POWDER FOR INHALATION	
Component	**Amount**
active substance	2.0 mg
lactose monohydrate	to 5 mg

In Examples H, I, J, and K, the powder for inhalation is produced in the usual way by mixing the individual ingredients together.

We claim:

1. A compound of Formula (IA)



(IA)

wherein:

R^1 is an aryl or heteroaryl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5 alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, C_1-C_5 alkanoyl, aroyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, aminosulfonyl, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl or aryl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with one to three substituent groups selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino,

R^2 and R^3 are each independently hydrogen or C_1-C_5 alkyl, or R^2 and R^3 together with the carbon atom they are commonly attached to form a C_3-C_8 spiro cycloalkyl ring;

R^4 is C_1-C_5 alkyl, C_2-C_5 alkenyl, or C_2-C_5 alkynyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^4 is independently C_1-C_3 alkyl, hydroxy, halogen, amino, or oxo; and

R^5 is a heteroaryl group optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5 alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, aminosulfonyl, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, trifluoromethylthio, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with one to three substituent groups selected from C_1-C_3 alkyl, C_1-C_3 alkoxy, halogen, hydroxy, oxo, cyano, amino, or trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

2. The compound of Formula (IA) according to claim 1, wherein:

R^1 is thienyl, phenyl, naphthyl, dihydrobenzofuranyl, benzofuranyl, chromanyl, dihydroindolyl, indolyl, dihydrobenzothienyl, benzothienyl, benzodioxolanyl,

dihydrobenzoxazolyl, benzoxazolyl, benzisoxazolyl, benzpyrazolyl, benzimidazolyl, quinolinyl, pyridinyl, pyrimidinyl, or pyrazinyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3 alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with a substituent group selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino;

R^2 and R^3 are each independently hydrogen or C_1-C_3 alkyl, or R^2 and R^3 together with the carbon atom they are commonly attached to form a C_3-C_6 spiro cycloalkyl ring;

R^4 is CH_2; and

R^5 is an imidazolyl, pyridyl, indolyl, azaindolyl, diazaindolyl, benzofuranyl, furanopyridinyl, furanopyrimidinyl, benzothienyl, thienopyridinyl, thienopyrimidinyl, benzoxazolyl, oxazolopyridinyl, benzothiazolyl, thiazolopyridinyl, benzimidazolyl, imidazolopyridinyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, phenyl, C_1-C_3 alkoxy, methoxycarbonyl, aminocarbonyl, C_1-C_3 alkylaminocarbonyl, C_1-C_3 dialkylaminocarbonyl, heterocyclylcarbonyl, fluoro, chloro, bromo, oxo, cyano, trifluoromethyl, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with a substituent group selected from methyl, methoxy, fluoro, chloro, bromo, or trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

3. The compound of Formula (IA) according to claim 1, wherein:

R^1 is phenyl, naphthyl, pyridyl, chromanyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one or two substituent groups,

wherein each substituent group of R^1 is independently methyl, ethyl, methoxy, ethoxy, fluoro, chloro, bromo, hydroxy, trifluoromethyl, trifluoromethoxy, or cyano;

R^2 and R^3 are each independently methyl, or R^2 and R^3 together with the carbon atom they are commonly attached to form a spiro cyclopropyl ring;

R^4 is CH_2; and

R^5 is a pyridyl, indolyl, azaindolyl, benzofuranyl, furanopyridinyl, thienopyridinyl, benzoxazolyl, benzimidazolyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently methyl, phenyl, methoxycarbonyl, aminocarbonyl, methylaminocarbonyl, dimethylaminocarbonyl, morpholinylcarbonyl, fluoro, chloro, bromo, cyano, or trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

4. The compound of Formula (IA) according to claim 1, wherein:

R^1 is phenyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3 alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone; and

R^2 and R^3 are each independently hydrogen or C_1-C_3 alkyl,

or a tautomer, prodrug, solvate, or salt thereof.

5. A compound selected from:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(4,6-dimethylpyridin-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(pyridin-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-methylpyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methylpyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-pyridin-2-ylmethylbutyl)phenol;

2-(4,5-Dimethylthiazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(4,5-Dimethyloxazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methylpyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-methylpyridin-2-ylmethyl)pentan-2-ol;

2-Benzothiazol-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-phenylbenzoxazol-2-ylmethyl)pentan-2-ol;

2-Benzofuran-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methylbenzofuran-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-thiophen-2-ylmethylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-5-methyl-2-pyridin-2-yl-3-trifluoromethylhexan-3-ol;

5-(5-Fluoro-2-methoxyphenyl)-5-methyl-2-pyridin-2-yl-3-trifluoromethylhexan-3-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-methylbenzooxazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-methylbenzothiazol-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-methylbenzooxazol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-methylbenzothiazol-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-pyridin-2-ylmethylpentan-2-ol;

2-(4,6-Dimethylpyridin-2-ylmethyl)-1,1,1-trifluoro-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-pyrimidin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methylquinolin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-phenyl-1*H*-pyrazol-3-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-methyl-1*H*-imidazol-2-ylmethyl)pentan-2-ol;

5-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-3-phenylisoxazole-4-carboxylic acid methylamide;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-pyrazin-2-ylmethylpentan-2-ol;
4-(2-Allyloxy-5-fluorophenyl)-1,1,1-trifluoro-4-methyl-2-pyridin-2-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-Benzooxazol-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-pyridazin-3-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-pyridin-3-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-methylpyridin-3-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-2-ylmethylpentan-2-ol;

4-(4-Chlorophenyl)-1,1,1-trifluoro-4-methyl-2-pyridin-2-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(6-fluoropyridin-2-ylmethyl)-4-methylpentan-2-ol;

6-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]nicotinonitrile;

2-(1*H*-Indol-2-ylmethyl)-1,1,1-trifluoro-4-(4-fluorophenyl)-4-methylpentan-2-ol;

2-(6-Chloro-4-trifluoromethylpyridin-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(5-Chloro-7-fluoro-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(3,4-Dichlorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-isoquinolin-1-ylmethyl-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

4-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-3-isoquinolin-1-ylmethyl-1,1-dimethylbutyl)phenol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-pyridin-2-ylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

4-(3,4-Difluorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-5-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-oxypyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol;

4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(5-methyl-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-Benzimidazol-1-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-oxypyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-chlorobenzimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-fluoropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-bromopyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-quinolin-4-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-quinolin-4-ylmethyl-3-[1-(2-trifluoromethoxyphenyl)cyclopropyl]propan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

2-(5-Chloro-6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-3-[1-(5-fluoro-2-methoxyphenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[1-(2,5-Difluorophenyl)cyclopropyl]-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)propan-2-ol;

1,1,1-Trifluoro-3-[1-(4-fluorophenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol;

2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(6-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,6-Dimethyl-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-Ethyl-6-[4,4,4-trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

2-[3-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

2-(7-Chloro-5-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methylphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluorophenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(3-fluorophenyl)-4-methylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-3*H*-benzoimidazole-5-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(6-Chloro-4-methyl-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*p*-tolylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-7-carbonitrile;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol;

2-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol;

4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-4-methylquinolin-8-yl)-4-(4-fluorophenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carboxylic acid methyl ester;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-nitro-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid amide;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid dimethylamide;

{2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indol-5-yl}morpholin-4-ylmethanone;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid; and

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid,

or a tautomer, prodrug, solvate, or salt thereof.

6. A compound according to claim 5, the compound selected from:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(pyridin-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-phenylbenzoxazol-2-ylmethyl)pentan-2-ol;

2-Benzofuran-2-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methylbenzofuran-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

6-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]nicotinonitrile;

2-(1*H*-Indol-2-ylmethyl)-1,1,1-trifluoro-4-(4-fluorophenyl)-4-methylpentan-2-ol;

2-(6-Chloro-4-trifluoromethylpyridin-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(5-Chloro-7-fluoro-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(3,4-Dichlorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

4-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-3-isoquinolin-1-ylmethyl-1,1-dimethylbutyl)phenol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-pyridin-2-ylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

4-(3,4-Difluorophenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol;

4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(5-methyl-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-Benzimidazol-1-ylmethyl-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-chlorobenzimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-fluoropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-bromopyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(6-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

2-(5-Chloro-6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-3-[1-(5-fluoro-2-methoxyphenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-3-[1-(4-fluorophenyl)cyclopropyl]-2-(1*H*-indol-2-ylmethyl)propan-2-ol;

2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(6-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,6-Dimethyl-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-Ethyl-6-[4,4,4-trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

2-[3-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

2-(7-Chloro-5-trifluoromethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methylphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluorophenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(3-fluorophenyl)-4-methylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-3*H*-benzoimidazole-5-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(6-Chloro-4-methyl-1*H*-indol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoro-4-methyl-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*p*-tolylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-7-carbonitrile;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol;

2-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol;

4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(4-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(4-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol; and

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carboxylic acid methyl ester,

or a tautomer, prodrug, solvate, or salt thereof.

7. A compound according to claim 6, the compound selected from:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol;

4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-bromopyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-Ethyl-6-[4,4,4-trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*p*-tolylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol;

4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-nitro-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid amide;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid dimethylamide;

{2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indol-5-yl}morpholin-4-ylmethanone;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid; and

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid,

or a tautomer, prodrug, solvate, or salt thereof.

8. A compound selected from:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-[3-(2,6-Dichloropyridin-4-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(1*H*-Benzimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

4-(2,3-dihydro-5-cyanobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloropyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-hydroxyphenyl)-4-methyl-2-(2-chloroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(4-methoxyphenyl)-4-methylpentan-2-ol;

4-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(5-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(2-bromopyridin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-2-(6-fluoro-1*H*-benzoimidazol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-(6,7-Difluoro-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(3-Ethyl-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-Ethyl-6-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-Ethyl-6-[4,4,4-trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

2-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(7-methyl-1*H*-benzoimidazol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-(2-Phenyl-4-methylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(2-Phenylimidazol-1-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-naphthalen-2-ylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*p*-tolylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(2,3-Dihydrobenzofuran-5-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(1-methoxynaphthalen-2-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)naphthalen-1-ol;

1,1,1-Trifluoro-4-methyl-4-naphthalen-2-yl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(1-methoxynaphthalen-2-yl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-*p*-tolylpentan-2-ol;

4-Chroman-8-yl-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(6-Bromochroman-8-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*b*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1 *H*-indole-3-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-3-carbonitrile;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-methyl-4-phenylpentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-(5-trifluoromethyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

5-Fluoro-2-[4,4,4-trifluoro-3-(7-fluoro-1*H*-indol-2-ylmethyl)-3-hydroxy-1,1-dimethylbutyl]phenol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-thiophen-3-ylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-thiophen-3-ylpentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

3-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid methyl ester;

4-(2,6-Dimethylphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

3-[4,4,4-Trifluoro-3-hydroxy-3-(1*H*-indol-2-ylmethyl)-1,1-dimethylbutyl]phenol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-nitro-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid amide;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid dimethylamide;

{2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indol-5-yl}morpholin-4-ylmethanone;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester; and

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester,

or a tautomer, prodrug, solvate, or salt thereof.

9. A compound according to claim 8, the compound selected from:

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(2,6-Dichloropyridin-4-ylmethyl)-1,1,1-trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(quinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-2-(7-fluoro-1*H*-indol-2-ylmethyl)-4-(5-fluoro-2-methoxyphenyl)-4-methylpentan-2-ol;

4-(2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(4-methyl-1*H*-indol-2-ylmethyl)butyl]phenol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[3-(5,7-Dimethyl-1*H*-benzoimidazol-2-ylmethyl)-4,4,4-trifluoro-3-hydroxy-1,1-dimethylbutyl]-4-fluorophenol;

1,1,1-Trifluoro-4-(3-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(3-methoxyphenyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(3-fluorophenyl)-4-methyl-2-(4-methyl-1*H*-indol-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-2-quinolin-4-ylmethyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(3-trifluoromethylphenyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

5-Fluoro-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(5-Bromo-4-fluoro-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2,3-dihydrobenzofuran-7-yl)-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-(5-methyl-2,3-dihydrobenzofuran-7-yl)pentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*m*-tolylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methyl-4-*o*-tolylpentan-2-ol;

4-(7-Bromo-2,3-dihydrobenzofuran-5-yl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-2-(7-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

1,1,1-Trifluoro-4-(4-fluorophenyl)-2-(5-fluoroquinolin-4-ylmethyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(2-methoxyphenyl)-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

1,1,1-Trifluoro-2-(1*H*-indol-2-ylmethyl)-4-(2-methoxyphenyl)-4-methylpentan-2-ol;

2-[4-(5-Fluoro-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-4-methyl-2-quinolin-4-ylmethylpentan-2-ol;

4-(5-Bromo-2-methoxyphenyl)-1,1,1-trifluoro-2-(1*H*-indol-2-ylmethyl)-4-methylpentan-2-ol;

2-(4,4,4-Trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

4-Bromo-2-(4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-quinolin-4-ylmethylbutyl)phenol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethyl-pentyl]-1*H*-indole-3-carbonitrile;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(3-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-methyl-4-phenyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-(2,3-Dihydrobenzofuran-7-yl)-1,1,1-trifluoro-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

2-(2-Hydroxy-4-methyl-4-phenyl-2-trifluoromethylpentyl)-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(5,6,7,8-tetrahydroquinolin-4-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(4-fluoro-2-methoxyphenyl)-4-methyl-2-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)pentan-2-ol;

5-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(4-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(4-Fluorophenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

2-[4-(5-Fluoro-2-methylphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[3,2-*c*]pyridin-2-ylmethyl)butyl]phenol;

1-[4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-3-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methylphenyl)-4-methyl-2-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(3-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)pentan-2-ol;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

4-Fluoro-2-[4,4,4-trifluoro-3-hydroxy-1,1-dimethyl-3-(1*H*-pyrrolo[2,3-*c*]pyridin-2-ylmethyl)butyl]phenol;

2-[2-Hydroxy-4-(3-methoxyphenyl)-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(5-Bromo-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-4-methyl-1*H*-indole-6-carbonitrile;

2-[4-(4-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carbonitrile;

1,1,1-Trifluoro-4-(5-fluoro-2-methoxyphenyl)-4-methyl-2-(5-nitro-1*H*-indol-2-ylmethyl)pentan-2-ol;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid amide;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-5-carboxylic acid dimethylamide;

{2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indol-5-yl}morpholin-4-ylmethanone;

2-[4-(5-Fluoro-2-methoxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester;

2-[4-(5-Fluoro-2-hydroxyphenyl)-2-hydroxy-4-methyl-2-trifluoromethylpentyl]-1*H*-indole-6-carboxylic acid methyl ester,

or a tautomer, prodrug, solvate, or salt thereof.

10. A pharmaceutical composition comprising an effective amount of a compound according to one of claims 1 to 10, or a tautomer, prodrug, solvate, or salt thereof, and a pharmaceutically acceptable excipient or carrier.

11. A method of modulating the glucocorticoid receptor function in a patient, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 1 to 10, or a tautomer, prodrug, solvate, or salt thereof.

12. A method of treating a disease-state or condition mediated by the glucocorticoid receptor function in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 1 to 10, or a tautomer, prodrug, solvate, or salt thereof.

13. A method of treating a disease-state or condition selected from: type II diabetes, obesity, cardiovascular diseases, hypertension, arteriosclerosis, neurological diseases, adrenal and pituitary tumors, and glaucoma, in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 1 to 10, or a tautomer, prodrug, solvate, or salt thereof.

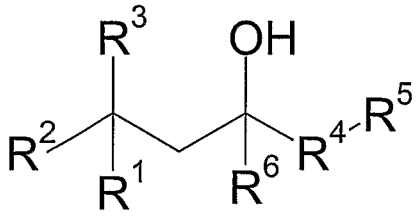
14. A method of treating a disease characterized by inflammatory, allergic, or proliferative processes, in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 1 to 10, or a tautomer, prodrug, solvate, or salt thereof.

15. The method according to claim 14, wherein the disease is selected from: (i) lung diseases; (ii) rheumatic diseases/autoimmune diseases/joint diseases; (iii) allergic

diseases; (iv) vasculitis diseases; (v) dermatological diseases; (vi) renal diseases; (vii) hepatic diseases; (viii) gastrointestinal diseases; (ix) proctological diseases; (x) eye diseases; (xi) diseases of the ear, nose, and throat (ENT) area; (xii) neurological diseases; (xiii) blood diseases; (xiv) tumor diseases; (xv) endocrine diseases; (xvi) organ and tissue transplantations and graft-versus-host diseases; (xvii) severe states of shock; (xviii) substitution therapy; and (xix) pain of inflammatory genesis.

16. A method of treating a disease-state or condition mediated by the glucocorticoid receptor function in a patient in need of such treatment, the method comprising sequentially or simultaneously administering to the patient: (a) an effective amount of a pharmaceutically acceptable compound according to one of claims 1 to 10 or a tautomer, prodrug, solvate, or salt thereof; and (b) a pharmaceutically acceptable glucocorticoid.

17. A compound of Formula (IB)



(IB)

wherein:

R^1 is an aryl or heteroaryl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5 alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, C_1-C_5 alkanoyl, aroyl, aminocarbonyl, C_1-C_5 alkylaminocarbonyl, C_1-C_5 dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, aminosulfonyl, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl or aryl;

or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with one to three substituent groups selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino,

R^2 and R^3 are each independently C_1-C_5 alkyl;

R^4 is C_1-C_5 alkyl, C_2-C_5 alkenyl, or C_2-C_5 alkynyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^4 is independently C_1-C_3 alkyl, hydroxy, halogen, amino, or oxo;

R^5 is a heteroaryl group optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, heterocyclyl, aryl, heteroaryl, C_1-C_5 alkoxy, C_2-C_5 alkenyloxy, C_2-C_5 alkynyloxy, aryloxy, acyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, aminosulfonyl, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, trifluoromethoxy, trifluoromethylthio, nitro, or amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with one to three substituent groups selected from C_1-C_3 alkyl, C_1-C_3 alkoxy, halogen, hydroxy, oxo, cyano, amino, or trifluoromethyl; and

R^6 is C_1-C_8 alkyl, C_2-C_8 alkenyl, C_2-C_8 alkynyl, carbocycle, heterocyclyl, aryl, heteroaryl, carbocycle-C_1-C_8 alkyl, aryl-C_1-C_8 alkyl, aryl-C_1-C_8 haloalkyl, heterocyclyl-C_1-C_8 alkyl, heteroaryl-C_1-C_8 alkyl, carbocycle-C_2-C_8 alkenyl, aryl-C_2-C_8 alkenyl, heterocyclyl-C_2-C_8 alkenyl, or heteroaryl-C_2-C_8 alkenyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^6 is independently C_1-C_5 alkyl, C_2-C_5 alkenyl, C_2-C_5 alkynyl, C_3-C_8 cycloalkyl, phenyl, C_1-C_5 alkoxy, phenoxy, C_1-C_5 alkanoyl, aroyl, C_1-C_5 alkoxycarbonyl, C_1-C_5 alkanoyloxy, aminocarbonyloxy, C_1-C_5 alkylaminocarbonyloxy, C_1-C_5 dialkylaminocarbonyloxy, aminocarbonyl, C_1-C_5 alkylaminocarbonyl, C_1-C_5 dialkylaminocarbonyl, C_1-C_5 alkanoylamino, C_1-C_5 alkoxycarbonylamino, C_1-C_5 alkylsulfonylamino, C_1-C_5 alkylaminosulfonyl, C_1-C_5 dialkylaminosulfonyl, halogen, hydroxy, carboxy, cyano, oxo, trifluoromethyl, nitro, amino wherein the nitrogen atom is optionally independently mono- or di-substituted by C_1-C_5 alkyl; or ureido wherein either nitrogen atom is optionally independently substituted with C_1-C_5 alkyl; or C_1-C_5 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein R^6 cannot be trifluoromethyl,

or a tautomer, prodrug, solvate, or salt thereof.

18. The compound of Formula (IB) according to claim 17, wherein:

R^1 is thienyl, phenyl, dihydrobenzofuranyl, benzofuranyl, dihydroindolyl, indolyl, dihydrobenzothienyl, benzothienyl, benzodioxolanyl, benzoxazolyl, benzisoxazolyl, benzpyrazolyl, benzimidazolyl, quinolinyl, pyridinyl, pyrimidinyl, or pyrazinyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3 alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^1 is optionally independently substituted with a substituent group selected from methyl, methoxy, halogen, hydroxy, oxo, cyano, or amino;

R^2 and R^3 are each independently C_1-C_3 alkyl;

R^4 is CH_2;

R^5 is a pyridyl, indolyl, azaindolyl, benzofuranyl, furanylpyridinyl, benzothienyl, thienopyridinyl, benzoxazolyl, benzothiazolyl, benzimidazolyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, phenyl, C_1-C_3 alkoxy, methoxycarbonyl, aminocarbonyl, C_1-C_3 alkylaminocarbonyl, C_1-C_3 dialkylaminocarbonyl, heterocyclylcarbonyl, fluoro, chloro, bromo, cyano, trifluoromethyl, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

wherein each substituent group of R^5 is optionally independently substituted with a substituent group selected from methyl, methoxy, fluoro, chloro, bromo, cyano, or trifluoromethyl; and

R^6 is C_1-C_5 alkyl, C_2-C_5 alkenyl, C_3-C_6 cycloalkyl, phenyl, C_3-C_6 cycloalkyl-C_1-C_3 alkyl, phenyl-C_1-C_3 alkyl, phenyl-C_1-C_3 haloalkyl, C_3-C_6 cycloalkyl-C_2-C_3 alkenyl,

phenyl-C_2-C_3 alkenyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^6 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, aminocarbonyl, C_1-C_3 alkylaminocarbonyl, C_1-C_3 dialkylaminocarbonyl, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone,

or a tautomer, prodrug, solvate, or salt thereof.

19. The compound of Formula (IB) according to claim 17, wherein:

R^1 is thienyl, phenyl, pyridyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one or two substituent groups,

wherein each substituent group of R^1 is independently methyl, ethyl, methoxy, ethoxy, fluoro, chloro, bromo, hydroxy, trifluoromethyl, or cyano;

R^2 and R^3 are each methyl;

R^4 is CH_2;

R^5 is a pyridyl, indolyl, azaindolyl, benzofuranyl, benzoxazolyl, benzimidazolyl, quinolinyl, or isoquinolinyl group, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^5 is independently methyl, phenyl ,methoxycarbonyl, aminocarbonyl, methylaminocarbonyl, dimethylaminocarbonyl, morpholinylcarbonyl, fluoro, chloro, cyano, or trifluoromethyl; and

R^6 is C_1-C_5 alkyl, C_3-C_6 cycloalkyl, C_3-C_6 cycloalkyl-methyl-, or benzyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^6 is independently methyl, methoxy, fluoro, chloro, bromo, cyano, trifluoromethyl, or hydroxy,

or a tautomer, prodrug, solvate, or salt thereof.

20. The compound of Formula (IB) according to claim 17, wherein:

R^1 is thienyl, phenyl, dihydrobenzofuranyl, or benzofuranyl, each optionally independently substituted with one to three substituent groups,

wherein each substituent group of R^1 is independently C_1-C_3 alkyl, C_2-C_3 alkenyl, C_2-C_3 alkynyl, C_1-C_3 alkoxy, C_2-C_3 alkenyloxy, C_1-C_3 alkanoyl, C_1-C_3 alkoxycarbonyl, C_1-C_3 alkanoyloxy, halogen, hydroxy, carboxy, cyano, trifluoromethyl, nitro, or C_1-C_3 alkylthio wherein the sulfur atom is optionally oxidized to a sulfoxide or sulfone; and

R^2 and R^3 are each independently C_1-C_3 alkyl,

or a tautomer, prodrug, solvate, or salt thereof.

21. A compound selected from:

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(1*H*-indol-2-ylmethyl)-2,5-dimethylhexan-3-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(1*H*-indol-2-ylmethyl)-5-methylhexan-3-ol;

2-Cyclohexylmethyl-1-(4,6-dimethyl-pyridin-2-yl)-4-(5-fluoro-2-methoxy-phenyl)-4-methyl-pentan-2-ol;

2-Cyclohexylmethyl-4-(5-fluoro-2-methoxy-phenyl)-1-(1*H*-indol-2-yl)-4-methyl-pentan-2-ol;

7-(5-Fluoro-2-methoxyphenyl)-5-(indol-2-ylmethyl)-7-methyloctan-5-ol;

2-(Benzimidazol-2-ylmethyl)-4-methyl-4-(pyrrol-1-yl)pentan-2-ol;

1-(1*H*-Benzoimidazol-2-yl)-2-cyclohexylmethyl-4-(5-fluoro-2-methoxy-phenyl)-4-methyl-pentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(benzimidazol-2-ylmethyl)-2,2,5-trimethylhexan-3-ol;

4-(5-Fluoro-2-methoxyphenyl)-2-fluoromethyl-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(quinolin-4-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(6-cyano-4-methylindol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol;

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-cyclopropyl-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol,

or a tautomer, prodrug, solvate, or salt thereof.

22. A compound according to claim 21, the compound selected from:

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-2,5-dimethylhexan-3-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-5-methylhexan-3-ol;

2-Cyclohexylmethyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(benzimidazol-2-ylmethyl)-2,2,5-trimethylhexan-3-ol;

4-(5-Fluoro-2-methoxyphenyl)-2-fluoromethyl-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(2,3-dihydrobenzofuran-7-yl)-1-(quinolin-4-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(6-cyano-4-methylindol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol; and

4-(5-Bromo-2,3-dihydrobenzofuran-7-yl)-2-cyclopropyl-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol,

or a tautomer, prodrug, solvate, or salt thereof.

23. A compound according to claim 22, the compound selected from:

5-(5-Fluoro-2-methoxyphenyl)-3-(benzimidazol-2-ylmethyl)-2,2,5-trimethylhexan-3-ol;

4-(5-Fluoro-2-methoxyphenyl)-2-fluoromethyl-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-1-(1*H*-indol-2-yl)-4-methylpentan-2-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-2,5-dimethylhexan-3-ol;

5-(5-Fluoro-2-methoxyphenyl)-3-(indol-2-ylmethyl)-5-methylhexan-3-ol; and

2-Cyclopropyl-4-(5-fluoro-2-methoxyphenyl)-4-methyl-1-(1*H*-pyrrolo[2,3-*c*]pyridin-2-yl)pentan-2-ol,

or a tautomer, prodrug, solvate, or salt thereof.

24. A pharmaceutical composition comprising an effective amount of a compound according to one of claims 17 to 23, or a tautomer, prodrug, solvate, or salt thereof, and a pharmaceutically acceptable excipient or carrier.

25. A method of modulating the glucocorticoid receptor function in a patient, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 17 to 23, or a tautomer, prodrug, solvate, or salt thereof.

26. A method of treating a disease-state or condition mediated by the glucocorticoid receptor function in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 17 to 23, or a tautomer, prodrug, solvate, or salt thereof.

27. A method of treating a disease-state or condition selected from: type II diabetes, obesity, cardiovascular diseases, hypertension, arteriosclerosis, neurological diseases, adrenal and pituitary tumors, and glaucoma, in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 17 to 23, or a tautomer, prodrug, solvate, or salt thereof.

28. A method of treating a disease characterized by inflammatory, allergic, or proliferative processes, in a patient in need of such treatment, the method comprising administering to the patient an effective amount of a pharmaceutically acceptable compound according to one of claims 17 to 23, or a tautomer, prodrug, solvate, or salt thereof.

29. The method according to claim 28, wherein the disease is selected from: (i) lung diseases; (ii) rheumatic diseases/autoimmune diseases/joint diseases; (iii) allergic diseases; (iv) vasculitis diseases; (v) dermatological diseases; (vi) renal diseases; (vii) hepatic diseases; (viii) gastrointestinal diseases; (ix) proctological diseases; (x) eye diseases; (xi) diseases of the ear, nose, and throat (ENT) area; (xii) neurological diseases; (xiii) blood diseases; (xiv) tumor diseases; (xv) endocrine diseases; (xvi) organ and tissue transplantations and graft-versus-host diseases; (xvii) severe states of shock; (xviii) substitution therapy; and (xix) pain of inflammatory genesis.

30. A method of treating a disease-state or condition mediated by the glucocorticoid receptor function in a patient in need of such treatment, the method comprising sequentially or simultaneously administering to the patient: (a) an effective amount of a pharmaceutically acceptable compound according to one of claims 17 to 23 or a tautomer, prodrug, solvate, or salt thereof; and (b) a pharmaceutically acceptable glucocorticoid.